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DATA PROCESSING BRANCH **USAFETAC** Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

DAVIS MONTHAN AFB ARIZ/TUCSON WBAN # 23109 N 32 10 W 110 53 FLD ELEV 2705 FT KDMA WMO #

PARTS A-F POR FROM HOURLY OBS POR FROM EATLY OBS

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JUL 41-JAN 46, JAN 48-FEB 76 JUL 41-JAN 46, JAN 48-FEB 76

JUL'1 1976

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This technical report has been reviewed and is approved for publication.

MICHAEL W. PRESTON

SMSgt, USAF USAFETAC Reviewer

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific & Technical
Information Officer

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DOC Buff Section D

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REPORT DOCUMENTATION PAGE	BEFORE COMPLETING FORM
1 REPORT NUMBER 2 GOVT ACCESSION NO	3. RECIPIENT'S CATALOG NUMBER
USAFETAC/DS- 79/009\ / 7	
A. TITLE (and Subfille)	5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather	Final rept.
Observations (RUSSWO)- Davis Monthan AFB 6	6. PERFORMING ORG. REPORT NUMBER
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7. AUTHOR(e)	B CONTRACT OR GRANT NUMBER(s)
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Air Force Environmental Technical Appl. Center Scott AFB IL 62225	ļ
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16 SUPPLEMENTARY NOTES	
19 KEY WORDS (Continue on severae aide if recessary and identify by block number,)
	ospheric pressure
	reme surface winds
	chrometric summary
Surface Winds Extreme temperature Cei	ling versus visibility
Relative humidity *Climatological data 20 ABSTRACT (Continue on reverse side if necessary and identity by block number)	(over)
This report is a six-part statistical summary of su	rface weather observations for
Davis Monthan AFB, Tucson, Arizona	
It contains the following parts: (A) Weather Condit	ions; Atmospheric Phenomena:
(B) Precipitation, Snowfall and Snow Depth (daily a	mounts and extreme values):
(U) Surtace Winds; (D) Ceiling Versus Visibility: S	kv Cover: (F) Psychrometric
Summaries (daily maximum and minimum temperatures.	extreme maximum and minimum
temperatures, psychrometric summary of wet-bulb tem	perature depression versus
dry-bulb temperature, means and standard deviations	of dry-bulb, wet-bulb (over)
	NOI ASSIETED

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- 19. Percentage frequency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
 - * Arizona

- * Davis Monthan AFB AZ
- 20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Pre eding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from houring observations.

JANUARY	APRIL	JULY	OCTOBER
PEBRUARY	MAY	AUGUST	NOVEMBLR
ARCH	JUNE	SEPTEMBER	DECEMBER

S74-29958

Detachment 13, 25th Weather Squadron Davis-Monthan Air Force Base, Az

1978 RUSSWO UPDATE

	<u>Jan</u>	Feb	Mar	Apr	May	Jan	<u>Jul</u>	Aug	<u>Sep</u>	<u>Oct</u>	Nov	Dec	Annual
Total Monthly Precipitation	3.00	2.10	1.33	0.04	0.89	0.81	1.29	1.34	2 .7 7	1.65	1.77	3.49	20.50
24-Hour Precipitation	1.18	0.46	0.47	0.04	0.66	0.45	0.38	0.29	2.53	1.27	0.83	1.18	2.53
Total Monthly Snowfall	0	0	0	0	0	0	0	0	0	0	0	Trêce	Trace
249Hour Snowfall	0	0	O	0	0	0	0	0	0	0	0	Trace	Trace
Snow Depth	0	c	0	0	0	0	0	0	0	0	0	0	0
Extreme Surface Wind: Directi Speed(K				140 34					120 42		_,		120 42
Extreme Maximum Temperature	72	75	85	92	103	110	107	100	98	95	84	74	110
Extreme Minimum Temperature	30	29	38	35	46	61	66	68	58	50	37	22	22

Monthly Precipitation New Records:

3.00" 0.89" January May

24-Hour Precipitation

1•18" 2•53" January Sept

Annual Precipitation

20.50"

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".O", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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2310	l l	station hame DAVIS MONTHAN AFB ARIZ/TUC	SON	N 3	2 10	.0001100E W 110 53	2705	FT) CALL SI	- 1	WMO NUMPER
		STATION LOCATION	ON A	ND IN	ISTRU	MENT	ATION	HIST	ORY	
IUMBER OF OCATION		GEOGRAPHICAL LOCATION & NAME	TYPE GF STATION	AT THIS L	OCATION TO	LATITUDE	LONGITUDE	ELEVATION FIELD (FT)	HT. BARO.	OBS PER Dat
2		F Wea Sta than Field than AFB	AAF Same AFB Same Same Same Same	Jul 41 Nov 41 Mar 48 Apr 53 27May 53 17Oct 55 4 Apr 68 May 72 Jun 72 Sep 75	Oct 41 Feb 48 Mar 53 26May 53 16Oct 55 3 Apr 68 Apr 72 May 72 Aug 75 Feb 76	Same Same Same Same N 32 10 Same Same	W 110 55 Same Same W 110 53 Same Same Same Same Same	2613 Same Same 2636 2698 Same 2715 2705 Same	2616 Same Same Same 2654 Same Same	24 24 24 24 24 24 24 24 24
NUMBER	DATE	SURFACE WIND	EQUIPMENT	INFORMATION			'		.L	
OF LOCATION	OF CHANGE	LOCATION		TYPE OF TRANSMITT	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. AD	DITIONAL EQUIP	NENT, OR REA	ISON FOR CHANGE
1 2 3 4 5 6 7 8	Nov 47 Jul 50 14 Apr54 4 May 55 17 Oct55	Located in bldg T-68 Located S half of bldg T-12 Located in base operations Located on top of control to Located on roof of wea sta Mounted on roof of bldg Mounted on top of wea sta Located between active runs ramp 750' from centerline of opposite base operations by	bldg ower way & of rnwy	~	Same Same ML144A	25 ft Same 30 ft 66 ft 35 ft 25 ft 40 ft 13 ft				

C

HUMBER OF	DATE OF	SURFACE WIND EQUIPMENT INF	 ,			REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
COATION	CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS. AUDITIONAL EQUIPMENT. OR REASON FOR CHANGE
9		Located 800' from end of rnwy 120 on the SW side	Same	Same	Same	
10	1 Apr 58	Located 800' on the NE side of rnwy approx. center of rnwy	Same	Same	Same	
11	12 Apr 60	Located 500' from rnwy centerline on SW side approx. midway along the length	Same	Same	Same	
12	4 Feb 69	1. Rnwy 12, 800' from centerline on SW side, 1000' from end of rnwy	Same	RO 362	Same	
		2. Rnwy 30, 500' from centerline on SW side, 1000' from end of rnwy	Same	Same	Same	
13		1. Same	Same	RO 214	Same	
		2. Same	AN/GMQ-20		Same	
14		1. Same	1 & 2	1 & 2	Same	
		2. Same	Same	Same	Same	
15	Aug 75	1. Same	1 & 2	1 & 2	Same	
		2. Same	Same	Same		
16	Feb 76	1. Same 2. Same	1 & 2 Same	1 & 2 Same	Same	
		<u> </u>				Mac—S AFD, IU

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates le: u .05 percent, which is usually only one occurrence. The various phenomena included in each category on th. . are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above contractions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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DAVIS MUNIHAM AFE ANTIONA (TUCSON) 41-46,43-70

YEARS

ALL

STATION

STATION NAME

PERCENTAGE PREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY 035ERV,TIONS

HTMOM	HOURS (LS T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
J.\.	ALL	.0	3.2		• 2	• 0	1.3	•4	.1		.1	,5	25120
Fro		•0	7.9		•2	• ^	3.0	•2	•1		.1	.4	21581
1A -		.1	2,9		• 1	•0	٦.0	•1	•0		•7	.4	23/18
APR		•2	1.3		•0	•0	1.3		•0		.1	.1	22910
144		•2	.4		•0		.4	•0	•0		•0	.1	23647
jU.,		.6	, 8				.8		•1		• l	•2	22536
JUL		3,7	4.6				4.6	•0	•0		• 1	.1	c3791
AUC		3.4	3,7				3.7		•0		,1	. 1	24475
3 E P		1.4	2,4				2.4	•0	•1		•0	.1	23586
OC T		• 5	2,0				2.0	• 1	•0		.1	.2	24375
1407		.1	1,8		.1		1.9	•2	•0		. 1	•4	23539
DEC		• 1	3,4		• 2	• າ	3.5	.7	•1		.1	. 9	24461
TOTALS		•9	2.5		• 1	•0	2,5	•1	•0		-1	. 3	204253

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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DAVIS MUNIHAN AFB ARIZONA(TUCSON)

42-46,48-76

JAN

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY URSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	6 o	3,5		• 4		3.7	.4				.4	3139
	03-05		3,5		. 3		3.7	. 4	_		•1	. 5	3147
	00-08		3.6		. 3		3.8	•6	•1		. 1	.8	3146
	09-11		2.8		•2		2.9	• 8	•2		. 2	1.2	3142
	12-14	•1	2.7		• 1		2.7	• 3			.1	.4	3141
	15-17	•1	2.8			•0	2.9	•?	• 1		.1	.4	3141
	18-20	•1	3,1		. 2		3,2	• 3	•0			.3	3130
	21-23	•0	3,2		•2		3,4	•1	•c			• 2	3134
TOTALS		•0	3,2		•2	•0	3,3	• 4	.1		•1	.5	25126

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DATA PROCESSING BRANCH USAL ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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DAVIS MUNIHAN AFB ARIZONA(TUCSON) 42-45,48-76

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STATION

STATION NAME

HINOM

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEI	00-03		2,4		.3		2.6	.1			•0	• 2	2706
	03-05	•0	2,8		•2		3.0	. 4			.0	.4	2712
	06-08	•0	2.4		•0	۰٥	2.4	.6	.3		. 1	1.0	2715
	09-11		2.1		• 2		2.2	. 4	•1		.0	.6	2711
	12-14	•0	2,0		•0	-	3.0	.1	•0		.1	.2	2714
	15-17	•0	4,2		•1		4,2	• 1			• 3	• 5	2710
	18-20	.1	3.4		•3		3.5	• 1			.1	. 3	2707
	21-23	•0	3.0		• 2		3,1				•1	• 1	2706
 						:							
TOTALS		•0	2,9		, 2	•0	3.0	• 2	•1		• 1	• 4	21681

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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DAVIS MONIHAH AFB AKIZONA(TUCSON) 42-45,48-75

MAR

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY ORSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/CR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH ORST TO VISION	TOTAL NO. OF OBS.
MAK	00-02	.1	2,6		•2		2.7	•2				,7	2969
	03-05		2,8		• 2	•0	3.0	.1			•1	•2	2965
	06-08	•0	2.4		.1		2.5	• 1	•2		•1	.5	2968
	09-11		2.8		.1		2.9	• 2	•1		.4	.7	2967
	12-14	. 1	3,3		• 2		3,4	٠,			.4	•5	2964
	15-17	.3	3,3		• 2		3.3	•2			.3	.4	2962
	18-20	•2	3.0				3.0	.1			.4	• 5	2961
	21-23	•1	3,1		• 1		3,2	•1			.0	•1	2962
									! 				
	<u> </u>												
													
TOTALS		.1	2,9		.1	•0	3.0	•1	.0		.2	.4	23718

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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DAVIS MONIMAN APB ARIZONA (TUCSON) 42-45,48-75

APR

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY ORSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OP DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APK	00-02		1,1				1,1		.0			.đ	, 2865
	03-05	•0	1.4		•1		1.4		.0			•0	2862
	06-08	•0	• 7				.7		.0		.1	•1	2869
	09-11	.1	1,1				1.1				• 2	•2	2867
	12-14	•2	1.2				1.2		•0		• 2	• 2	2864
	15-17	• 5	2,0				2.0				.3	. 3	2862
	.18-20	• 4	1,6			•0	1.6				•1	• 1	2861
	21-23	•1	1.2			•0	1.2				.1	•1	2866
													
													
TOTAL3		.2	1,3		•0	•0	1.3		.0		•1	.1	22916

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

23109

DAVIS MONTHAN ATB ARIZONA (TUCSON) 42-45,48-75

MAY

STATION

STATION NAME

MONTH

PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AHD/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	•1	,3				,3	j	.0		•0	.1	2958
	03-05	•1	.2				.2						2961
	00-08	•0	. 2				.2						2964
	09-11		.2		•0		,2	•0			•0	•1	2949
	12-14	•2	.4				.4		•1		•0	.1	2950
	15~17	.3	,9				.9				•1	.1	,1950
	18-20	•4	.6				.6		.0		•1	.1	2958
	21-23	•1	.3				.3		.0			•0	2957
													
								-				ļ	
								· · · · · · · · · · · · · · · · · · ·					
TOTALS		• 2	.4		٥.		.4	•0	.0		•0	.1	23647

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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DAVIS MONIHAN AFB ARIZUNA (TUCSON) STATION NAME

JUN

STATION

HINOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OPSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS! TO VISION	TOTAL NO. OF OBS.
JUN	00-02	• 2	• 5				.5				. 1	.1	2860
	03-05	• 2	.3				.3						2860
	06-08	•1	. 3				.3		•0		• 1	•1	2869
	09-11		• 2				.2		•1		.0	•1	2868
	12-14	• 5	• 5				.5		•2		• 2	.4	2844
	15-17	1.5	1.5				1.5		•1		. 2	•3	2839
	18-20	1.5	1.9				1.9		.1		• 2	.4	2845
	21-23	• 7	1.0				1.0		•1		• 2	• 2	2853
J													
													
TOTALS		.6	.8				.8		•1		•1	.2	22838

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109

DAVIS HUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

JUL

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM MOURLY URSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3,1	5,4				5,4				•1	. 1	2981
	03-05	1.1	3.0				3.0		.0			•0	2977
	06-08	.7	2.4				2.4		•0			.0	2979
	09-11	• 3	1.7				1,7		•0		·	•0	2974
	12-14	1.9	2.1				2,1				•1	.1	2967
	15-17	6.8	4.9				4.9		•0		• 1	• 2	2968
	18-20	9.6	8.9				8.9	.1			.3	.4	2965
	21-23	5.8	8,6				8.6		•0		.1	,1	2980
							-						
TOTALS		3.7	4,6				4.6	.0	•0		.1	.1	23791

USAFETAC ANY 44 0-10-5(OL A), MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109

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DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

AUG

STATION

STATION NAME

HTNOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UNSERVATIONS

монтн	HOURS (L S T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZI 5	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.9	3,6			1	3.6						3057
	03-05	1.1	2.6				2.6						3055
	06-08	•7	1.8				1,8		•0			,0	3064
	09-11	• 2	.9				.9						3063
	12-14	2.1	1.6				1,6		.0		.1	•2	3061
	15-17	6.8	5.0				5.0				•2	•2	3055
	18-20	8,9	7.8				7.8				• 2	.2	3065
	21-23	5•1	6.2				6.2				•0	•0	3055
TOTALS		3.4	3,7				3.7		.0		• 1	• 1	24475

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF LIAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109

DAVIS MONTHAN AFB AKIZONA(TUCSON) 41-45,48-75

SEP

STATION

STATION NAME

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

HINOM

MONTH	HOURS (L S T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	S.4OW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02	•6	1.7				1.7		.0			.0	2949
	03-05	• 4	1.7				1,7				•1	• 1	2949
	06-08	• 3	1.6				1.6	•1	•4		•0	.5	294
	09-11	•0	1.7				1.7	. 1	.1			.1	294
	12-14	1,2	1.8				1.8						295
	15-17	3,6	3.6				3.6		•0		•0	.1	294
	18-20	3.2	4,1				4.1				•1	.1	294
	21-23	1,6	2.9				2,9						295
			-										
TOTALS		1.4	2.4				2.4	.0	.1		.0	.1	2358

USAFETAC JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESCING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109

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DAVIS MONIHAM AFB ARIZONA(TUCSON) 41-45,48-75

ac r

STATION

STATION NAME

HTHOM

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
100	00-02	• 5	1.4				1.4	•1			•1	•3	3051
<u></u>	03-05	.4	1.7				1.7				.1	•1	3043
	06-08	•2	2.1				2,1	•1	•1		.1	.2	3050
	09-11	.1	1,8				1.8	• 2			• 2	.4	3045
	12-14	• 5	2,0				2.0	•1			.2	.3	3040
	15-17	.9	2.7				2.7	-1	.0		•0	• 2	3044
	18-20	•9	2,9				2.9						3050
	21-23	.4	1,5				1.5				•0	•0	3052
TOTALS		•5	2.0				2.0	•1	•0		.1	.2	24375

USAFETAC RAY 84 0-10-5(OL A), PREVIOUS EDMONS OF THIS FORM ARE OSSOLETE

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109

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DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

VON

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF DECURRENCE OF HEATHER CONDITIONS FROM HOURLY UPSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
110V	00-02	.1	1.7				1.7	•2			. 1	.3	2963
	03-05	•0	1.9		•0		1.9	• 4			•1	• 5	2957
	06-08	•0	1,6				1.6	•2			•1	.3	2956
	09-11		1,7		• 1		1.8	• 2	•2		•3	.7	2950
	12-14		2.2		•1		2.3	.3	•1		•2	. 5	2951
	15-17	• 1	2,2		•1		2.2	• 2			•1	,3	2949
	18-20	.1	1,9		•1		1.9	•0			•0	• 1	2955
	21-23	•1	1.4		•1		1.5	•2				• 2	2958
TOTALS		-1	1.8		.1		1.9	• 2	•c		•1	.4	23639

USAFETAC ARY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23109

T.

DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45,48-75

DEC

STATION

STATION NAME

YEARS'

HTOM

PERCENTAGE FREQUENCY OF OCCURRE OF WEATHER CONDITIONS FROM HOURLY UBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02	. 1	3.4		• 3		3.5	.8	•0		•0	.8	3056
	03-05	.1	3,0		.1		3.1	.8			.1	.9	2054
	00-08	•0	3.3		• 2		3.5	1.0	•2			1.3	3053
	09-11	.1	3,1		•2		3,3	1.2	.3		• 3	1.6	3061
	12-14	.2	3,1		• 2	. 0	3.2	.3	•1		• 2	,6	3056
	15-17	. 1	4.1		•2	•0	4.3	.4			• 2	.6	3062
	18-20	. 1	4.2				4.2	.4			•0	.5	3061
	21-23		3.2				3.2	, •5				.5	3058
				:		· · · · · · · · · · · · · · · · · · ·							
TOTALS		.1	3.4		• 2	• 0	3,5	.7	. 1		• 1	.9	24461

USAFETAC AT 44 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OBSOLETE

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above so apply for the categories summarized in these daily tabulations. However, it should be noted that i. this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This - entetion is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949.

Therefore, percentages in this column are restricted to the period Jar 1949 and later.

- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS

ATMUSPHERIC PHEHOMENA

23109

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DAVIS HUNTHAN AFB ARIZONA/TUCSON

6, 46-76

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMUSPHERIC PHENOMENA FROM DAILY DUSTROATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMCKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	• 5	17.3		1.8	• 3	17.3	3.1	.1			3.7	930
FEB		1.5	15.7		1.8	* v	16.3	2.0			.3	2.3	797
MAR		1.6	19.5		1.8	•7	19.1	1.3			•1	1.4	858
3 P.R		3.0	10.7	, ì	.4	• A	10.4	• 1				.1	840
MAY		2.3	6.5	• 1	. 1	•1	6.2	• 1			.1	.2	868
ากแ		7.1	11.5			•2	11.1				•7	.7	840
JUL		44.3	53.3			•7	52.0	•2	•2		1.7	2.1	867
AUG		40.2	43,3			•6	42.5	•1	.1		.3	•5	868
SEP		15.3	23.6			•1	23.2	• 7	.2		• 1	1.0	839
OCT		5,4	14.5			•6	14.4	1.0				1,0	868
אטא		1,0	13.4		•6		12,9	1.6	.1			1,6	, 830
DEC		1.2	18.4		2,6	• 5	18.8	3.7				3.7	368
TOTALS		10.3	20.6	,0	.8	•4	20,3	1.2	-1		• 3	1.5	10283

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEFTH. The daily amount summary is prepared by month and annual, all years combined, and inc despercent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less then .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SHOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week end those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jui 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

DATA PROCESSING BRANCH USAF ETAC AIP MEATMER SERVICE/ MC

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PAPELTP (TATTON)

23109 DAVIS MUNICIPALLATE ANIZONA/TUCS'IN 41-46, 44-76

						AM	OUNTS (II	NCHES)						PERCENT			HLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	.02- 05	0610	.11- 25	.2650	.51-1.00	1 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0 5-1.4	1.5 2.4	2.5.3.4	3.5.4.4	4 5-6 4	6 5-10 4	10 5.15 4	15.5-25.4	25 5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25.36	37.48	49-60	61-120	OVER 120	AMTS		-		
JAN	82.1	6.5	. (?.7	ć • •	2.2	2.7	7.1	. I					11.5	1054	.75	z.as	.00
FEB	82.1	5.8	اء •	2.7	4.6	3.7	1-2	, E	.4					12.1	915	.65	2.41	. 90
MAR	86	6.6	٠,	3.7	4.3	3.1	1.8	1.0	• 1					13.1	997	.71	2.32	•00
APR	89.7	5.2	. 4	1.5	• (1.4	1.5	• 8	. 1					5.0	960	. 32	1.78	•ຄບ
MAY	93.4	4.7	• -	. 5		. 7	• 6	. 3						1.8	945	, nø	•68	•00
NUL	88.4	0.4	1.40	1.4	, t	1.1	• 5	• 1						5.2	960	•20	1.15	.00
JUL	47.5	22.4	3.6	7.5	4 • 8	5.9	5.1	2.4	.7					30.0	999	1.97	4,76	.90
AUG	55.0	17.4	2.5	5.9	3.4	4.5	3.€	2.6	1.0					25.0	1010	1.74	4.89	ეი,
SEP	75.5	11.7	• 9	2.7	1.47	3.5	2.1	1.2	• 7					12.8	988	1.09	3.27	.00
ОСТ	84.5	5.0	• 6	2.5	2.0	1.6	1.2	1.7	٠.۵					7.4	1723	,31	4,90	.00
NOV	87.4	3.7	. ê	1.5	1.1	2.4	1.5	• 4	٠.					8.0	380	.62	2.10	.00
DEC	80.7	6,2	•9	2.8	1.5	3.3	2.3	1.0	ر.					13.2	1019	1,00	5.81	.00
ANNUAL	74.9	8.7	1.1	3.0	1.0	2 . 8	2.1	1.1	. 3					17.4	11687	9.94	\times	\supset

1210 WS JUL 64 0-15-5 (OL.I)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAP/LTAC/DL A AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

DAVIS MONIHAN AFS ARIZONA/TUCSON
STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
41						Į.	.00	• 00	.89	. 34	•00		
42	.34	1.01	.26	.64	.00	.00	.38	.77	1.04	.13	TRALE	.15	1.04
43	.33	.19	1.95	• 05	.68	.02	•30	1.11	2.27	.17	.00	•50	2.27
44	- 29	.42	.62	1.04	.29	.01	.96	.08	.75	.39	.50	.62	1.04
45	.29	.26	+21	.12	TRACE	.00	2.18	1.46	.18	.83	.00	•11	2.18
46	.97	<u> </u>											
q ii	TRACE	. 55	• 05	TRACE	.00	TKACE	2.29	• 06	.58	.30	TRACE	. 39	2.29
49	.47	07	. 23	.29	TRACE	TRACE	. 54	.99	1.18	. 1) 5	.18	<u>.</u> 57	1.18
50	.14	1.10	.07	TRACE	TRACE	.30	1.42	.71	.74	+17	THACE	.24	1.42
51	.45	.35	•08	.48	.04	.00	.32	80.	.36	1.89	.03	. 41	1.89
52	.52	.12	.54	.36	TRACE	.33	•42	1.36	.19	.00	1,07	.20	1.36
\$3 E	.05	.49	.37	• 05	.01	.54	1.02	.13	.00	TRACE	.19	.16	1.02
24	.52	. 36	62	.00	.20	.31	.71	1,03	.89	.07	.00		1.03
55	. 48	.16	TYACE	TRACE	THACE	.01	,95	,66	.02	,31		FTRALE	•95
56	. 65	.33	•00	.20	TRACE	,01	.54	.68	TRACE	.24	TRACE	.26	.68
57	.70	.08	.51	•09	.02	.21	.50	1.08	.00	1.05	.58	.42	1.08
50	TRACE	.63	.87	.35	TRACE	, 45	2.28	1.20	.38	,58		.00	8.28
59	.02	.23	TRACE	.01	•00	.11	.88	.58		.61	.54	•08	. 88
50	1.08	.53	.13	.00	TRACE	TRACE	.48	•40	.50	.63	•05	-46	1.00
01	. 85	•02	• 39	TRACE	.00	.24	1.34	2.16	.19	.33		. 38	2.16
62	•55	.15	.10	TRACE	.00	THACE	.67	•50	1.98	•05		• 4 ?	1.96
63	,05	.60	.36	. 25	TRACE	.02	. 38	1.16	.47	. 53	.47	.13	1.16
64	.29	.04	.22	,54	TRACE	,94	.69	.45	1.75	.35		500	1.78
65	. 33	. 25	.12	.35	.02	.08	1.22	.73		.18	.37	1.32	1.32
06	• 64	1.33	.12	.21	.03	.14	• 115	•43	1.72	•77	.28	.20	1.7%
67	TRACE	.09	٠ 25	.37	. 19	.39	, 45	.71	.57	.94	.27	1.45	1.45
08	.26	. 39	•77	• 34	TRACE	TRACE	.44	1.91	TRACE	.07	1.25	.31	1.41
67	. 37	• 20	-16	.17	.26	TRACE	.47	.43	, 35	TRACE	.39	.43	.43
70	TRACE	.21	.51	•06	.23	•29	•99	.78	1.68	• 62	TRACE	• 24	1.09
71	.07	.19	TRACE	.44	TRACE	TNACE	.44	•90	.57	1.00	.49	.78	1.00
MEAN							MEUTE						
S. D.													
TOTAL OBS.													
u		NUTE	# (BA	SED UR	7 FUL	L MONTI	15)						

USAF ETAC FORM 0-88-5 (OLI)

DATA PRICESSING BRAICH USAF/ETAC/OL A AIR WEATHER SIRVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

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DAVIS MUNIPAN AFR ARIZHMA/TUCSOM 41-46, 48-76

24 HOUR AMPINTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	אטן.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
72	.00	.00	TRACE	.00		. 33	. 58	.48	× .59	1.70	.07	44	1.70
73	.04	1.24	.56	.02	.01	, 35	.75	.11	TRACE	.00	. 05	.00	1.24
74	.60	.02	.41		.00	.27	,75	.45	.64	.90	.68	.28	•90
75	.23	<u>, 1</u> 9	.64	•14	TRACE	<u>. an</u>	.41	• 67	.31	.02	.27	.67	.67
76	•14	•42			٠								
												_	
10													
MEAN	.364		.349	.208			.835				.335	.438	1.384
\$. D	.796	.349				.165	.546	.454			.330	.366	•216
TOTAL OBS.	1054	NUTE	992		392		999	1010	988	1027	980	1819	11087

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH USAF/ETAC/QL A AIR MEATHER SERVICE/MAC

HONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

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DAVIS HUNTHAM AFB ARTIONA/TUCSON 41-46, 48-76

TOTAL MONTHLY PRECIPITATION IN INCHES

41				ļ	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC	ALL MONTHS
42		1					• 0 0		1.34	,46	+62		
	.46	1.53	85.	•71	•00	.00	1.03	1.00	1.82	.39	TKALE	.36	8.17
43	.40	.29	2.23	.05	.68	.05	.70	2.67	2.89	.27	•00	. 84	11.27
44	.38	1.02	1.00	1.04	.29	.01	1.21	1.88	1.72	1.19	1.64	1.15	12.62
45	.49	,47	• 54	. 16	THACE	.00	2.84	4.30	.19	1.72	.00	.24	11.53
46	2.20												
46	TRACE		•06	TRACE	.00	THACE	3.29	.87	.90	*43	TRACE	1.27	* 8.09
49	1.20	•10	6	.47	TKACE	TAACF	. 45	1.01	1.96	.0"	.28	.15	7.17
50	. 10	1.39	.09	TRACE	TRACE	.51	4.26	.75	.78	.14	TRACE	. 2.4	8.33
31	1.01	.61	.12	1.78	.04	.00	1.45		.01	2.32	1.76	.67	12,71
2 و	.57	.16	1.85	•93	TRACE	.39	1.47	2.54	.19	.00	2.10	.52	10.85
53	.06	. 49	•79	.02	.01	.54	4.76	.29	•00	THACF	.20	.16	7.72
34	.86	8ذ.	1.46	•00	.32	.53	1.40		1.51	.07	.00	.07	8.99
55	1.57	.16	TRACE			.01	2.45		.02	.31	TRACE	*TRALE	× 7,43
56	1.11	. 88	•00	.24	TRACE	•05	1.68			.26			5.67
57	2.85	.40	1.21	•09	.03	.24	1.01	2,47		3.06	.84	.79	12.99
58	TRACE	1.18	2.32	-91	TRACE	• 53	2.82	2.18	.96	, 77	1.00	.00	12.67
59	.02	.23	TRACE	.01	.00	.19	3.45	2.34	THACE	1.24	.01	2.68	10.99
60	2.02	.50	.30	.00	TRACE	TRACE	. 45		.87	.78	.05	.35	7.30
נט	1.19	.02	•48	TRACE	.00	.24	2,09	4.09		.60			11.81
50	1.31	36.	• 29	TRACE	.00	THACE	1.95		2.35	,05	.45	.91	8,26
03	. 92	1.19	.58	.35		.02	1.18		1.16	, 5 A	•96	.18	9.63
64	. 38	•04	.54	.57	TRACE	.04	1.89	1.59	3.17	.74		.94	*10.69
65	.33	.47	.27	.37	.02	.11	1.05			• Fu		5.81	*12.91
66	2.11	2,41	.16	• 26	.03	. 15			3.29	1.05	. 41	.22	\$13.02
67	TRACE		.47	.49	.21	.43	2.23		1.40	1.14	.42	3,40	*11.91
68	.50	1.16	1.36	• 78	TRACE	TRACE	1.85	2.72	TRACE	.09	1.58	. 38	10.59
69	.74	• 41	.29	.17			1.22			TRACE	1.29	.62	7.40
70	TRACE	.24	1.37	•06	.23	•43	2.21	2.13	2.83	.67	TRACE	.40	10.52
/1	.08	.47	THACE	.44	TRACE	THACE	1.74	3.17	1.12	1.26	£8.	2.12	10.73
MEAN													
S. D.													
TOTAL OBS.		NUTE				L FUHTI							

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR MEAINER SERVICE/MAC

XEXTREMEX MALVES MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

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DAVIS MUNIHAM AFB ARIZUNA/TUCSON
STATION NAME

41-46, 48-76

YFARS

TOTAL BURTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR	MAY	אטנ	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
12	•00	.00		•00	. 35	1.15	1.71	1.55	.97	4.90	1.10	. 73	#12.46
_73	.12	2.02		.02	.01	.60	2.70	.34	TRALE	.00	.98	.00	B • B 6
14	1.21	.02	. 43	TRACE	00.	.25	1.78	.91	1.72	2.04	.81	, 35	10.02
75	.46	.23	1.11	.28	TRACE	.00	2.09	• 15	.78	.03	. 20	. 69	6.32
76	.14	.87											
	<u> </u>												
													
			_										
		·											
													-
												`	
											<u>_</u>		
MEAN	.733	.653		.319			1.009	1.764	1,095	.314	.617	1.004	9,986
S. D.	. 739	,597					.097	1.099		1. 42		1.732	4,170
TOTAL OBS.	1054	910		350 NV		590		1010	988	1023	985	1019	11587

USAF ETAC FORM 0-88-5 (OLI)

B DATA PROCESSING BRANCH USAL ETAC
C AIR HEATUR SERVICE/BAC

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SHITH FALL
(FROM DAILY OBSERVATIONS)

STATION STATION NAME

STATION NAME

STATION NAME

YEARS

	AMOUNTS (INCHES)													PERCENT		MONTHLY AMOUNTS		
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.26- 50	.51-1 00	1 01-2 50	2 51-5 00	5 01-10.00	10 01-20 00	OVER 20 00	OF DAYS WITH	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5.4 4	4.5.6 4	6.5-10 4	10 5.15 4	15.5.25 4	25 5-50.4	OVER 50 4	MEASUR-	OF OBS	MEAN	AN GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	,	2	3	4.6	7-12	13-24	25-36	37-48	49 60	61-120	OVER 120	AMTS				
NAL	90.0	1.4	, ì	.3		۶.								,6	937)	. 3	4.9	.0
FEB	98.3	1.0	• 1											. 1	766	FRACE	.1	•0
MAR	9.,.3	1.5			• 4									• 2	855	, 1	4.1	.0
APR	97.5	• 5													840	IRACE	TRACE	•0
MAY	99.9	• 1		<u> </u>											869	[RACE	TRACE	.0
אטנ	100.6														840	۰.	.0	.0
JUL	100.0														867	.0	.0	.0
AUG	106.6														860	.0	•0	.0
SEP	100.0														938	.0	•0	.0
ост	100.0														868	•0	.0	.0
ноч	99.4	. 5							• i					. 1	830	•2	5.6	•0
DEC	97.5	2.0	- 1	• 3				. 1						•6	866	. 3	6.0	•0
ANNUAL	99.3	.6	• ប	•c	•0	.0		•6	.0					.1	10249	.9	X	\times

11 % =

1210 WS JUL 64 0:15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH USAF/ETAC/OL A AIR MEATHER SER-ICE/MAC

EXTREME VALUES

SNOAFALL

(FROM DAILY OBSERVATIONS)

DAVIS MURTHAM AFE ARTZONA/TUCSON
STATION NAME

YEARS

24 HOUR ANTIMES IN INCHES

	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JU I.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	• 0												
48	0		.0	•0	- 0	•0	.0	•0	•0	•0	•0	.0	.0
49	2.5	•0	.0	•0	• 0	•0	.0	• ()	+0	• 0	• 0	•6	2.5
50		•0	,0	0.	.0	•0	.0	•0	•0	.0	.0	0.0	.0
)1	2.6	•0	,0		.0	•0	•0	•0	•0	•9	•0		Z.o TRACE
<u>52</u>	. 3	.0		•0	•0	•0	.0	-0	•0	٠،			TRACE
33	• 0	TRACE	.0	•0	.0	.0	.0	•0	•0		•0		
54	Q.	0.0	.0	.0	.0	•0	.0	•0	.0	•0	•0		18VCE
>5	TRACE	TRACE	.0	.0	•0	•0	.0	•0	•0	• 0	.0	.0	
26	•0	TRACE	.0	TRACE	- 0	•0	.0	.0	•0	٥.			TRACE
57	• 0	• 0	.0	•0	•0	•0	.0	•0	•0	•0	• 0	•0	.0
. 28	•0	• • •	TRACE	•0	.0	•0	0	-0	•0	•0		0.0	6.6
59	• 0	•0	0,	•0	•0	•0	.0	•0	•0	• 0	•0	TRACE	TKACE
60	• 4	.0	.0	•0	•0	• 0	.0	•0	.0	•0		,0	111000
ė i	•0	.0	,0		•0	+0	.0	•0	•0	• 0		0,	TRACE
62	0	TRACE	.0	•0	.0	-0	.0	•0	-0	• ^		f	TRACE
¢3	.0	.0			.0	•0	.0	•0	•0	• 0	•		.0
64	.0	•0	2.2	•0	•0	•0	.0	•0	•0		PTRACE	.0	2.2
65	TRACE		.0	•0	•0	•0	.0	•0		•0		STRACE	TRACE
56	0		.0		.0	•0		•0	.0	•0			TRACE
υ7	• 0		.0		• 0	•0	.0	.0	•0	•0		.8	• 8
ប្ស	.0				.0	•0	.0	•0	•0	.0			,5
59	• C	TRACE	TRACE		TRACE	•0	.0	• 2	•0	• 0	.0		TRACE
70	•0		TRACE	•0	.0	•0	.0	.0	.0	•0	.0	.0	TRACE
71	TRACE	. 1	.0	.0	.0	• 0	.0	•0	•0	• 0			0.0
72	• 5	.0	.0	.0	.0	•0	.0	•0		.0	• 0	FTRACE	*TRACE
7.3	TRACE	.0	TRACE	•0	•0	.0	.0∣	• 0]	•0	,0		•0	TRACE
74	TRACE	.0	.0	.0	•0	•3	.0	.0	0	0.0			TRACE
75	.0		TRACE	TRACE	.0	•0	.0	•0	0	•0	TRACE	TRACE	TRACE
76	.0												
MEAN	•19	•00				.00	•00	• 00	.00	.00	.24	.28	, 65
S. D.	.648	.017	.416	•000	•000	.000	•000	•000	.000	.000		1.139	1.881
TOTAL OBS.	930	766 NUTE	# (BA		868 JU4 >	840 45NT	267	808	छ 🖰 🖰	g Q U	830	806	10249

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH USAF/CTAC/OL A AIR WEATHER SEPVICE/MAC

MUNTHLY SNOWFALL

DAVIS MUNTHAN AFB AKIZENA/TUCSON STATION NAME

(FROM DAILY OBSERVATIONS)

TOTAL MUNTHLY SMUMFALL IN INCUES

MONTH YEAR	JAN,	FEB	MAR.	APR.	MAY	אטן.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
46	. a	s .n	.0	.0	.0	• 0	.0	.0	.0	0	•0	۰.	* , 00
49	4.9	•0	•0	•0	• 0		.0	•0	•0	13	-0	.6	3.5
50	.0	ŏ	.0	.0	. 5	.0	.0	.0	.0	• ^	.0	.0	.00
51	3.0	- <u>.č</u>	•0	TRACE	.0	•0	,0	•e	•0	•0	•0	TRACE	3.0
52	.0	.0	THALE	.0	0	.0	.0	0.	.0	.0	.0	. 5	TRACE
53	.0	TRACE	.0	.0	.0	.0	.0	•0	.0	•0	0.	.6	TRACE
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	. 1	.0	٠,	,00
55	TRACE	TRACE	.0	.0	•0	•0	.0	.0	•0	• 1)	.0	•0	#TRACE
٦6	• 2	TRAÇE	.0	TRACE	.0	• 0	.0	•0	.0	•0	.0	.0	TRACE
57	•0	.0	.0	.0	.0	• 0	.0	.0	.0	•0	•0	.0	.00
28	.0	.0	TRACE	.0	.0	•0	. (.	.0	•0	• 0	6.6	.0	6.6
59	• 0	• 0	•0	•0	• 0	•0	.0	•0	•0	•0	.0	THALE	TRACE
60	• 4		.0	.0	.0	•0	.0	•0	•0	.0	.0	• ?	• 4
61	• 0	.0	•	•0	•0	• 0	.0	.0	•0	• 5	TRACE	•0	THACE
62	0	TRACE	.0	.0	•0	•0	.0	•0	•0	. ~	۰,	TRALE	TRACE
Ú 3	• 0	• 0	.0	• C	.0	• ນ	0.	• 5	•0	۵,	• 0	•0	•00
54	.0	•0	4.1	•0	.0	•0	.0	•0	•0		*TRACE	.5	+ 4.1
63	THACE		.0	20	.0	•0	.0	•0		• 0		PTRACE	
66	<u>. Ú</u>		•0	.0	.0	• 0		•0	≠ 0	•0	•0		*IRACE
67	• 0		.0	TRAÇE	.0	•0	.0	•0	•0	•0		.8	₹ .6
68	.0	.0	TRACE	•0	.0	+0	.0	•0	•0	•0	•0	. 6	• 6
ù9	.0	TRACE	TRACE	•0	TRACE	•0	.0	.0	•0	.0		TRACE	TRACE
70	.0	.0	TRACE	,0	•0	•0		.0	.0	•0	.0	.0	TRACE
71	TRACE	• 1	•0	•0	.0	• 0	.0	•0	.0	•0	.0	6.0	p.1
72	TO CCE	.0	0.	•0	.0	•0	.0	•0		-0		*TRACE	*TRACE
	TRACE	•0	TRACE	0.	•0	•0	.0	•0	•0	•0	0.0	70.400	TRACE
74	TRACE	.0		70.4610	.0	•0	.0	0,	•0	• 0			TRACE
76	0.0	.0	TRACE	TRACE	.0	• 0	.0	•0	•0	•0	TRACE	TRACE	1446
MEAN	30	•00	•15	TRACE	TRACE	•00	•00	.00	.00	•00	.24	,29	1.03
	1.001	.017	.775	.000	•000	.000	•000	.000	.000	.000		1.140	2.090
S. D.	3	766	808		868	840	867	868	888	868	830	856	10249
TOTAL OBS.		भग्राह	* (βΛ Λβ) *	I	7 FOL			0001	10 (4.)	990		330	10543

USAF ETAC FORM 0-88-5 (OLI)

DATA PRECESSING BRANCH USAF ETAC AIR HEATHER SERVICE! WE

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

23109

DAVIS BUNTIME ARR ARTADRATTUCSON -- 41-46, 42-76

STATION NAME

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C 1210 WS JUL 64 0-15-5 (OLI)

						AM	OUNTS (I	NCHES)						PERCENT		WON	THLY AMO	
PRECIP.	HONE	TRACE	.01	.0205	.06-10	.11-,25	2650	.51.1 00	1 01-2 50	2.51-5 00	5 01-10 00	10 01-20 00	OVER 20 00		NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01-04	0 5-1 4	1 5.2 4	2.5.3 4	3.5-4.4	4 5.6.4	6 5 10 4	10 5-15 4	15.5-25 4	25 5-50,4	OVER 50.4	MEASUR- ABLE	OF OBS	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37-48	45 60	61-120	OVER 120	AMTS				
JAN	9),4	• 3	• 4	, <u> </u>		. 1								. 3	1054			
FEB	99.1	• 7	- 1			• 1			<u> </u> 					. 2	ato			
MAR	94.1	. 1				. 1								• 1	445			
APR	100.0														\$ 50			
MAY	70.0														992			
NUL	100.0														967			
10r	106.0														1006			
AUG	100.0														1023			
SEP	109.4														988			
ОСТ	100.0					·									1023			
ноч	100.0														940			
DEC	39.5	.2	• i		* 1	. 1								.3	1023			
ANNUAL	99.6	• 1	• 0		·i	.0								, 1	11911		X	X

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF/ETAC/OL A AIR HEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

DAVIS MONTHAN AFT ARIZONA/TUCSHN 41-46, 48-76

DAILY SHOW LEFTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	אטנ.	JUL.	AUG.	SEP.	oct.	NOV.	DEC.	ALL (AONTHS
41						1	9 0			1	0		511.4.4.4
47	TRACE	TKACE	0		0		0	- 3	0	Ų	0		TRACE
43	อุ	0	0	0	0	- 0	O	Λ	0	C	0	0	
44	<u>_</u>	0	0	0	<u> </u>	0	0	Ō	Ç		C	9	į į
٦5	()			0	7)	C	0	0	0	7	0	0	TRACE
46	0												
48	0			0	0	_ N	<u> </u>	С			0	0	Ĺ
49	5	<u> </u>	0	0	0	0	0	C	0	0	0	4	
50	0	O	0	-0	0	٥	0	Ç	0		n	0	
أ 1د	1	0	0	0	9	6	Ó,	0	Ø	n	0	?	
25	0	-0	TRALE	0	0	С	0	0	0	e	ŋ	0	TRACE
53	0		0	0	0	0	0	Ω	0	C	0	0	
24	0		0	0	อ	0	0	l,	0	ζ,	0	ū	(
55	C	0	0	0	<u> </u>	0	0	0	0	n	0	0)	
36	C	0	0	0	0	0	0	0	0	0	G	0	(
7ر	O		0	0	0	O	0	0	_0	0		Q	(
28	0	0	0	0	0	0	; O	0	ŋ	0	0	0	4
> 9	0	0	0	0	0	Ð	0	C	0	n	0	0	
00	0	Û	0	0	0	~	C	· 0	Đ	0	Ü	0	
61	0	0	0	0	0	O	Ω	0	Ω	0	-0	0	1
SO	O	ก	0	0	0	0	0	0	0	0	0	0	
03	r	O	. 0	Ω	O)	0	Ò	O	0	n	0	0	
U4	0	C	4	\$	0	0	Ô	G	0	0	3 O	- 0	
ბ5 🖁	Q	6	0	O	0	a	0	0	× 0	0	0	0	
56	c	1	. C	0	n	D	9 0	0	0	0	0	G	
67	n	r 0	0	0	0	n	0	ი	0	0	0	0	(
GB	0	0	0	0	0	0	0	0	C	ับ	0	1	
69	0	0	0	0	ດ	ŋ	G	0	1	ń	Ů	0	•
70	0	0	Ū	O	0	0	Q	0	ΰ	n	0	- 6	,
71	ŋ	0	0	0	0	n		o	0	a	O	3	
MEAN								1000 mm					
S.D.				_,_					·				
TOTAL OBS.								 					

USAF ETAC FORM 0-88-5 (OU)

0

-KG

PATA PRUCESSING BRANCH USAH/ETAC/OL A AIR MEATHER SERVICE/MAC

EXTREME VALUES

SHUM DEPTH

(FROM DAILY OBSERVATIONS)

DAVIS MODINAY AFB ARTZONA/TUCSON 41-99, 48-76

DAILY SHOW SENTH IN INCHES

MONTH	JAN	FEB.	MAR.	APR.	MAY	NUL	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
72	1)	0	0	0	0	7	n	0		Ŋ	0	,	0
73	<u></u>	0		<u> </u>	0	2	0		0	^	n	<u> </u>	Q
74	ા	0		0	ار	0	0	7		,	0		ý.
75	<u> </u>	0	0	0	0	<u>n</u>	0		0		<u></u> 0	^	<u> </u>
76	0	7			1			Į					}
	İ	į			}	ļ		İ					
													
								1					
-													
					l		i				į		
	,				ļ	j							
													
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-													
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	1												
ļ <u>\$</u>													
	1												
 				.0	.0	~~~~	,0		.0		• 0	. 2	-,3
MEAN	12 + 4 12 A R -	1.053				.000	•000				,000		1.875
S. D. TOTAL OBS.	1054		992	960	392	900			388			1023	11911
TOTAL OBS.	1020	BIE		SED UN				LUAD	- (10)	105 /	700	4023	*****

USAF ETAC FORM: 0-88-5 (OU)

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data scurces. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRIMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRAGCH USAF/ETAC/DL A AIR WEATHER SERVICE/MAC

EXTREME VALUES

JURFACE WINDS

(FROM DAILY OBSERVATIONS;

1 3

DAVIS MUNTHAS AFB ARIZONA/TUESON

DATLY PEAR JUSTS I'M KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	אטן.	JUL.	AUG.	SEP.	oct.	NOV.	DEC.	ALL MONTHS
46				1									
45	35.1*34		454×33		55**35		1					556*23	
49			55a 36		5		1NH 35	-			SW *26	- 4	WSW 50
50	WS4 36			<u> </u>	NSW 40	<u> </u>	ENE 44		F		ESE 31	42M 35	54 49
21	1 1	146 30	1-	1	г .	AN- 71	SSE 40		55L 43	5W 37		ļ #	
	じれたヤスタ				4Mh 31		SSE 56		1				Sr. 56
5 3	KW 31	8 43	11hn 36	55W 43	HSH 30	ESE 35	55n 46	н 35	15× 53	SE#41	1N4#43	INN 49	NNN 49
54	224 70	14 30	W 37	WSW 36	SW 42						_	[
25	1										j	1	
56	511 #36	55# 28	WNW 36	55× 39	SW 30	14 34	1.98 45	44 44	SE 33	58 28	ESE 35	ESE 28	ESE 45
7 ر	1.56 35	4W 24	SW 32	114 40	SE 35	47 34	5 42	: 37	ENE 26	5¥ 45	ESE 29	ESE 33	5W 45
58	NE 30	32	SS# 31	33	5 5£ 45	144 00	t 41	ESE 40	ENC 40	ST 37	HHH 32	1 23	NAM (10)
79	5 28	A 36	WSV: 37	SE 31	35	SF 35	SE 50	ESE 28	55H 32	56 32	NE 29	7 33	ESE 50
60	SE 26	N 34	144 34	WSW 30	s 31	1 36	ENE 45	NE 35	1 46	24W 33	SE 31	1.5H 29	N 46
υÌ	LSE 33			15 N 37	SW 32	E 48			SE 29	: 39			58 48
62	ENE 41	4 30	1111 36	SW .35	SSW 33	SSI 44	NE45	SE 30	W 47	SE 33	St 29	45W 34	NE 45
<u> </u>	30	3[31	N 39			35 36		ENE#25				ENE 27	W 39
84	1 26	W 30	51 38	5 44	SW 31	ENE 47	SF 40	26 E 35	W 32	Sy 29	5 *28	ESE 32	S 44
L 5	101 20	7 32					ESL 47				W 34	2 41	F 49
96	ונ זו	ESE 36	5+ 55	1		ENE 35	WHE 61	NE 52	E 40	4 20	5W 35	55W 36	HHE 61
U7	[Sc 33	55% 36			SW 40	1	SE 49		ENL 8	-SE 31	ESE 34	5 37	SE 49
ัดก	5E 35	45E 37	55# 32	38	454 40	HS. 30			1C/ 33	25/ 29	11/ 45	26/ 38	117 46
<u> </u>	137 27	217 40	22/ 36			1	6/ 53	67 62	10/ 36	217 33	37 40	29/ 33	0/ 62
70	30/ 29	12/ 46	21/ 35	22/ 39	5/ 43	17/ 45	15/ 46	5/ 32	12/ 35	26/ 34	20/ 31	24/ 30	12/ 46
77	24/ 37	20/ 50	30/ 36	227 33	187 37	6/ 42	147 58	137 47	14/ 42	207 36	107 23	197 42	147 58
72						24/ 48		£ .	50/ 37	19/ 30	33/ 35	31/ 32	24/ 48
73			1	1	1				167 29	297 25	317 33	127 32	37 40
1 74			(T	1-							6/ 30	14/ 51
75		L		277 34			17 = - 7	1	207 40	17.	197 43	1	10/ 67
76		12/ 37	1 -	Γ΄.			1	[Γ'' ''	٠, ٠	[' '-		
MEAN	31.8		1	35.9	35.0	30.3	47.0	40.5	35.4	33.1	34.11	33.8	20.2
S. D	4,381	i	4.240		<u> </u>	_L			5.894	5.858		1	0.744
TOTAL OBS.	819				1					1	1	740	9290
		•				LAUNT				<u> </u>	<u></u>	الــــــــــــــــــــــــــــــــــــ	

USAF ETAC FORM 0-88-5 (OLI)

SUTES * (BASED ON < FULL HONTHS)

\$ (BASED ON < FULL MONTHS AND +100 KMOTS)

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DATA PROCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS HUNIHAN AFR ARIZONA (IUCSON) 41-46,48-76

					COR	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 23	34 - 40	41 - 47	48 - 55	≥56	%	
N	/	9	5	.1	. 0	.0	.0					2.2	-
NNE	٤,	3		.0	.0	.0						• 8	
NE	-4	4				0	0					1.3	
ENE	. 4	5	. 5	. 3		.0	• 0	. 0				1.7	
E	1.0	1.7	led	.4		0	.0					4.5	
ESE	1.3	2.8	1.8	. 9	2	. 0	.0					7.0	
SE	2.1	7.3	3.8	. 9	. 2	ن	0					15.3	
SSF	2.3	4.7	2.2	. 3	.0	.0	.0					9.5	
\$	2.3	- 4	2.0	4	1	_ 0	. 0	•0				8.2	
SSW	9	1.2	1.0	.6		. 0	. 0	0				3.7	
sw		1.2	1.3	. 8	. 2	- 1	.0	.0				4.4	
V/SW	7	1.0	1.1	6		٥	.0	.0				3.6	
V/	1.1	2.6	2.1	9	. 2	.0	0					5.4	
WNW	6_	1.6	1.8	. 8	1	0	0	0				5.1	
NW	1.2	2.4	3.0	1.7	. 2	0		Ç				R.1	
NNW	.7	1.2	1.2	4	.0	.0	0					3.5	
VARBL													
CALM	><	><	><	><	\times	><	><	> <	> <		> <	14.6	
	18.0	32.8	23.9	8.8	1.6	. 3	0	•0				100.0	*

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ELACTUSAF AIR MEATHER SERVICETMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS HORIHAN AFB ARIZONA (TUCSON)	42-46,48-76 YEARS	JAN
		ATHER	ALL HOURS (L.S.T.)
	сон	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	1.0	. 9	. 3	.0								2.3	4.3
NNE	.4	.3		.0	.0							• 9	4.2
NΣ	•6	. 5	• 2		.0	.0						1.5	5.1
ENE	- 4	65_	• 6	. 3		0	.0	-0				2.0	8.0
E	1.1	2.0	1.6	.6		0_						5.5	6.8
ESE	1.4	3.5	2.5	1.5	. 3				<u> </u>	<u> </u>		9.2	7.5
SE	3.5	8.5	4.9	1.4	2				 			18.4	6.2
\$SE \$	2.5	لمفت	2.8	- 4	0	0			 	<u> </u>		10.9	5.7
	2.0	2.7	1.5	3	0				 	 	<u> </u>	6.5	5.4
SSW	- 3	. 8	. 7	- 4			-0			 		3.0	7.3
W2W		.7	-6	-4		-0	0		 			2.6	7.2
M2M	1.5	1.3	. 4	.3		-0			 		 	3.8	7.2
WNW	1.0	1.5	1.3	6 65	.0	0	-0		 	 		4.2	6.6
NW	1.5	2.4	2.4	.8	• 2	0	0		 	 		7.3	6.9
NNW	.9	1.4	.8	•2	, O	**/			 	 		3.4	5.6
VARBL	•	7							 				240
CALM	><	> <	\times	>	\times	\times	> <	> <		> <		16.7	
	19.4	32.6	21.7	7.7	1.4	. 4	•0	•0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JR 64}}$ 0-8-5 (OL A) previous editions of this form are obsolete

DATA PRUCESSING BRANCH E1AC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAM AFT _ IZONA(TUCSON)	42-45,48-76	FFB
	LIA NE	ATriek	ALL HOURE (L.S.T.)
	соя	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 13	. 8	. 4	. 1								2.1	4.8
NNE	انعا	. 4	ı.i	0								.8	4,6
NE	الخما	. 5	. 3	.2	.0	.0						1.3	6.5
ENE	.4	6		3	1	. 0						2.0	7.2
E	1.1	1.7	1.1	• 4	1	. 0	d					4.3	6.1
ESE	1.5	3.2	2.0	1.0	. 3	.0	0					8.0	6.9
SE	3.6	8.2	4.4	9	1	.0	.0			I		17.3	5.9
SSE	. 2.4	5.1	2.5	2	0				L			10.2	5.3
5	2.0	2.9	1.3	3	.0	.0						6.5	5.2
SSW	8	. 9	7	ر م	1	0	.0					3.0	7.2
sw	. 7	.9	В	5	2	.0	• 0					3.1	7.6
W5W	5		. 7	5	1	. 0	0					2.7	7.7
w	1.1	1.9	1.7	. 9	2		0_					5.8	7.3
WNW	8	1.8	1.9	. 9	2		G			i		5.7	7.8
NW	1.2	2.7	3.1	1.4	- 2	0		-0				8.7	7.6
NNW	8	1.4	1.0	3	. 0							3.6	6.2
VARBL		L]			
CALM	$\geq \leq$	$\geq \leq$		$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$			14.8	
	18.4	34.1	22.6	8.2	1.7	3		۰				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 21675

USAFETAC FORM 0-8-5 (OL A) FREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109	DAVIS MONTHAN AFB ARIZONA (TUCSON)	42-45,48-75	MAR
STATION	SHAN HOITATS	YEARS	HTHOM
	ALL WF	ATHER	ALL
	ÇI	A36	HOURS (L.S.T.)
	CON	PITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	. 8	. 4	• 1	• 0							2.0	5.2
NNE	. 3	S	• 1	•0								•6	4.2
NE	-4	. 3	• 1	•1	•0							1.0	5.0
ENE	. 3	. 4	. 3	• 2	.0							1.3	6.7
E	8.	1.3	.6	• 2	•0	0						2.9	5.7
ESE	1.3	3.1	1.3	.3	.0	.0						6.2	5.7
SE	3.1	7.7	3.0	• 3	.1	.0						14.2	5.3
SSE	2.3	4.3	2.0		•0	_ 0						8.7	5.1
S	2.0	2.9	1.6	. 4	2	.0	٥					7.1	5.7
SSW	.9	1.2	1.1	- 8	. 2	.0	•0					4.2	7.8
sw	. 8	1.2	1.3	1.2	. 4	. 1	.0					5.0	9.2
WSW	• 7	Ĭ.l	1.2	- 9	3	1_	•0					4.3	8.6
w	1.1	2.1	2.3	1.4	.4	١	.0					7.4	8.2
WNW	. 8	2.0	2.4	1.3	. 2		.0					6.8	8.1
NW	1.2	2.6	3.6	1.8	3	1	.0					9.5	8.1
NNW	. 7	ial	1.2	5	1	.0						3.5	7.1
VARBL													
CALM	\times	\times	><	\times	\times	><	\times	><	$\geq \leq$	><		15.2	
	17.5	32.3	22.7	9.6	2.2	. 5	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 23716

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AFB ARIZONA (TUCSON)	42-45,48-75	MONTH MONTH
	· ALL Win	STHER	HOUSE (L.S.T.)
	СОМЛ	ITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Z	.7	. 7	.5	1	.0	. 0						2.0	5.6
NNE	ż	. 2	.1	.0	.0							6	5.0
, NE	3	. 3	. 2	.1	.0							.9	5.6
ENE	ŝ	. 3	.2	1	.0	. 0						1.0	6.1
E	9	1.2	6	.2	_0_							2.9	5.6
ESE	1.0	2.4	1.1	. 3	.1	•0	- 0					4.8	5.8
se se	2.5	7.2	2.7	-4	.1	- 0						12.8	5.4
€ ∰ #SSE+	1.9	4.5	1.9	.1	Ω	-0						8.4	5.2
£ \$ `	2.2	3.4	1.9	- 4	.1	0						7.9	5.6
∑ ≓ssw	9	1.2	1.3	. 9	. 2	0	0					4.5	7.8
SW	و	1.5	2.0	1.4	-4		-2					6.2	8.8
: WSW	7	i.3	1.6	1.4	. 3							5.6	9.2
	1.4	2.4	3.7	2.0			. 0					10.1	8.6
WNW	ŝ	i.B	2.4	1.3	. 2							6.7	8.3
NW	آمر	2.5	3.6	1.7	3							9.2	3.2
NNW		1.2	1.5	-6	1		-0	<u> </u>				4.0	7.8
VARBL													
, CYIW	\geq	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$			12.4	
	16.2	32.1	25.3	11.1	2.3	5		-0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 22913

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAN AFB ARIZONALTUCSON)	42-45,48-75	HAY
		ATHER	ALL HOURS (L.S.T.)
	СОМВ	ITION	

SPEED (KNTS) DIR.	1 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 6	•7	8	• 1	.0							2,3	6.2
NNE	.4	. 3	• 2	•0	.0							• 9	5.0
NE	• 3	. 4	. 4	• 1	•0							1.2	5.8
ENE	. 3	.3	. 2	• 2	• 0	.0						1.0	6.7
E	٧.	1.1	.6	• 2	.0	.0						2.8	5.5
ESE	1.0	2.3	.9	. 4	1	-0-						4.7	6.0
SE	2.2	6.6	2.6	. 3	.1	.0						11.7	5.5
SSE	2.1	4.9	1.8	1	.0	.0						8.9	5.1
S	2.2	3.6	2.0	. 4	.0	• 0	.0					8.3	5.6
ssw	1.0	1.6	1.4	. 9	•2	.0						5.1	7.5
sw	1.0	1.7	2.6	1.7	.4	-1-	.0					7.5	8.8
WSW	8.	1.7	2.6	1.7	.3	.0						7.0	8,5
W	1.2	3.0	4.1	2.2	. 3		-0	<u> </u>	<u> </u>			10.9	8.2
WNW	•6	1.5	2.3	1.1	.2	.0	L					5.7	8.2
NW	. 8	2.1	3,0	1.3	. 2	0						7,5	8.0
NNW	.5	1.1	1.2	5	0	.0.						3.4	7.2
VARSL				L			<u> </u>						
CALM	><	$\geq <$	$\geq <$	$\geq \leq$	><	$\geq <$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	11.1	
	16.0	32.8	26.6	11.2	1.9	. 3.						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 23563

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFR ARIZONA (TUCSON)	42-45,48-75 YEARS	HTHOM
	ALL WE	ATHER	MOURS (L.S.T.)
	сон	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	د.	.9	ن .	. 2	.0	.0						2.3	6.3
NNE		3		•0								.7	4.1
NE	3	. 3	. 2		.0				<u> </u>			.8	5.9
ENE >	اخما		. 2	. 1	0	0	-0					9	6.5
	2	1.2	. 6	-1	.0	.0.						2.8	5.0
ESE	1.0	2.1	. 8	. 4								4.5	6.
SE	2.2	5.8	2.1	- 4								10.7	5.
SSE	1.8	4.3	1.4	. 2	0	-0						7.7	5.
S	2.2	3.3	2.3	3_	-1			0				8.2	5.
ssw	1.0	1.5	1.5	8.	2		.0					5.1	7.
sw		1.9	2.3	1.6	.4					I		7.4	8.
wsw	. 8	1.8	2.3	1.5	. 4	- 1						6.9	8.
w	1.2	2.8	3.8	1.8	3_	.0						10.0	8.
WNW	. 8	1.9	2.7	1.4								7.0	8.
NW	ا ق	2.3	3.7	2.2	. 2							9.4	8.
NNW		1.2	1.7	1.0	.1							4.4	8.
VARBL													
CALM	><	>>	\times	\times	\times	\times	\ge	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.3	
	15.4	31.6	26.3	12.1	2.2	. 4	.0	.0				100.0	6.

TOTAL NUMBER OF OBSERVATIONS

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS HUNIHAN AFR ARIZONA (TUCSON)	41-45,48-75	JUL
	,ALL ;	AF A THER	ALL HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.0	. 9	2	• 0	•0	0					2.7	5.2
NNE	.3	4	. 2	• 1	.0							1.1	6.2
NE	. 4	. 5	.3	• 1	. Ω	. Ú			L			1.4	5.5
ENE		. 5	. 4	. 3	1	• 0	.0	.0				1.6	7.8
Ε	.9	1.5	1.2	• 3		.0.	•					4.0	6.7
ESE	1.0	1.9	1.7	.7	.2							5.5	7.2
SE	2.3	4.8	3.3	1.2	.2	.1	•0					11.9	6.6
SSE	2.3	4.i	2.1	. 5	-1	.0						9.1	5.6
S	2.9	4.3	2.8	.7		٥	•0					10.9	5.8
ssw	1.0	1.3	1.2	.5	. 1	G						4.0	6.0
sw	1.0	1.4	1.1	.4	1	٩	• 0					4.0	6.5
wsw	. 8	1.3	1.1	• 4			•0					3.6	6.3
w	1.2	2.4	2.1	.7		.0		L				6.5	6.7
WNW	-6	1.7	2.3	1.1		.0						5.9	8.0
NW	1.0	2.5	4.3	2.2	. 2	.0						10.2	8.3
WNN	.6	1.4	1.8	. 7		.0						4.5	7.5
VARBL													
CALM	$\geq \leq$	$>\!\!<$	><	\times	\times	><	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq <$	13.2	
	17.2	31.4	26.7	10.0	1.5	. 3	٥	•0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 23772

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2.11(19 STATION	DAVIS MONIHAN AFB ARIZONA (TUCSON)	41-45,48-75	AU6_
	ALL WE	ATHER	ALL HOURS (LIST.)
	соя	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 7	1.0	. 6		• 0							2.5	5.5
NNE	. 3	3	. 2	0	.0	.0						.9	5.3
NE	- 4	5	. 3	1	0	0	.0_					1.4	6.3
ENE	_ 4	5.	- 4	.2	1	0						1.6	6.9
E	1.0	1.8	1.3	- 4	1	9						4.5	6.3
ESE	الما	2.3	1.7	. 5	- 1	0						5.9	6.4
SE	3.2	5.9	3.0	.7		-0	.0					12.9	5.7
SSE	2.8	5.0	1.9	. 3	-							10.0	5.1
S	3.7	4.6	2.3	.6		_	0_					10.6	5.3
ssw	1.0	1.3	1.1	. 3	0	- 0						3.7	6.0
sw	1.1	1.7	1.4	3	٥		- ()					4.4	6.2
WSW	8	1.2	. 6	.2	.0							3.0	5.8
W	1.4	Ž.5	2.0	64	1	- 0	•0-					6.4	6.2
WNW	8	1.6	1.7	.5	0		0					4.6	6.8
NW	أ أما	2.4	3.3	1.4	1	-0						8.1	7.3
NNW	5	1.3.	1.3	3	0							3.5	6.6
VARAL		¥											
CALM	$\geq <$	><		><	\times	><	\geq	$\triangleright <$			><	16.0	
	19.9	33.8	23.3	5.9	. 11	. 2	-0	٥٠				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MONIHAN AFB ARIZONA (TUCSON) 41-45,48-75

	_				ALL WE	ATHER							LL s (LS.T.
	_				СОН	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 2?	34 - 40	41 - 47	48 - 55	≥56	*	ME WI SPE
И	.6	.7	.5	.1	.0							2.0	5
NNE	• 2	.4	• 1	.1	•0							.8	5
NE	4	.6	. 3	. 2	•0	.0_						1.5	6
ENE	. 4	.7	. 8	• 3	• 0	• 0						2.3	
E	1.2	2.2	1.9	. 8		.0						5.2	-
ESE	1.2	3.1	2.4	1.5	- 4							8.5	
SE	3.5	7.7	4.4	1.3	. 3	.0	<u> </u>					17.2	
SSE	2.4	4.6	2.0	. 3	.0	0						9.3	
S	2.7	3.8	1.9	.4		0			<u></u>			8.8	<u></u>
ssw		1.4	.9	.4	.0						<u> </u>	3.5	<u> </u>
SW	.9	1.4	دء ١٠٦	.4		0				<u> </u>		4.1	
WSW	.7	1.1	.9	. 3	0		L		<u> </u>			3.0	
W		2.0	1.7	3_	0_	ļ				<u> </u>		5.2	1_4
WNW	8	1.2	1.5	- 4	-0			ļ		<u> </u>		3.0	<u> </u>
NW		2.4	2.4	5.		-0			<u> </u>	ļ		6.6	
NNW		1.2	1.0		.0	-0		 		ļ		2.9	ي_ا
VARSL		ļ	Ļ.,	Ļ	<u> </u>		<u></u>	Ļ		ļ	ĻJ		<u> </u>
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.1	
	H				1	I	ı	1				il .	1

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

TOTAL NUMBER OF O SERVATIONS

24374

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS	<u>ร คบหวัก</u>	AN AFB	AR IZU	NACTUC	<u>SON)</u>	41-	45.48-		TEARS			4	HO!
	_				ALL WE	ATHER .	·					L, L	
					сом	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	Γ
N	. 6	. 8	. 4	. 1		•						2.0	Ī
NNE	- 2	. ?	.1	•0	.0.							•6	T
NE	.4		. 3	. 2	0							1.4	I
ENE	5	8	.7.	. 3	, C							2.3	Ī
E	1.2	2.3	2.1	.6		.0.	•0					6.3	I
ESE	1.4	3.3	2.3	1.3	. 3	9						8.6	Ī
SE	3.7	8.0	4.2	1.4	. 2	.0						17.5	I
SSE	2.7	5.2	2.1	. 4			0					10.4	I
5	2.5	3.3	2.0	5	-1-		.0		<u></u>			8.4	l
ssw	-7	1.1	اكمآ	5_	1					<u></u>		3.4	l
SW	7_	- 9	1.0	5_	1	0	0					3.3	ļ
WSW		8	7_	3_								2.4	ļ
w	1.0	1.6	1.4	4	-0								ļ
WNW	7	_1.5_	1.3	5	-0.					<u> </u>		4.1	ļ
NW	101	2.3	2.5	6_		0			 	└	 	6.7	ļ
NNW		1.2	9_	2					<u> </u>	 	 	2.9.	ļ
VARBL				ļ	_			-	<u> </u>				ł
CALM	\sim	\sim		><	\sim	· ><	\sim	· ><	1 ><	! ><	><	15.3	ı

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS O TIES FORM ARE DISSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHEF SERVICE/MAC

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

23640

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45.48-75

MEAN WIND SPEED SPEED (KNTS) DIR. 7 - 10 17 - 21 N 2.3 4.9 .0 .0 NNE 4.6 .0 .0 NE . 4 . 5 .3 • 2 0 1.5 6.7 ENE 8.2 •0 ε 6.6 ESE 8.8 7.1 ځيا 3.3 2.4 .0 SC 19.3 8.9 5.4 1.3 •2 SSE 2.7 5.6 2.4 4.9 .0 0 10.5 ٠Ô 5 3.0 7.6 2.0 .0 .0 SSW 2.6 .7 . 3 . 3 0 •0 .8 SW . 8 <u>. ()</u> 2.9 ينو .4 WSW ٠.6 2.0 5.4 . 6 w .0 3.7 6.3 •9 تعا 1.0 <u>,4</u> ٠Û. <u>. B</u> WNW 1.3 1.1 .0 .0 3.7 6.4 6.5 NW .5. 7.0 • 6 .0. NNW 3.3 5.7 1.4 • 9 .0 VAPBL 16.2 CALM

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

231/19 STATION	DAVIS HEISTHAN AFR ARTZONA (TUCSON)	4)-45,48=75	UFC BOATH
		aTHFR	MOURS (LS T.)
	сох	DITION	

SPEED (KNTS) DIR.	1 - 3	A - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
н	1.0	• 9	- 4	0								2.2	4,5
NNE	.4	. 3		0	. û					1		,7	4.
NE	- 5	4	. 3	. 2	0							1.4	6.7
ENE	. 5	.5		3	Ü	.0						7.0	6.1
E	1.2	2.0	1.0	5	1					1		5.4	5.3
ESE	_1.5	3.6	2.6	1.4	- 2	- 0						7.3	7.
SE	3.5	3.2	5.6	1.7	. 3	. 0	.0					19.3	6.5
SSE	2.4	4.5	2.7	-4	1	.0		l				10.2	5.
S	2.1	2.8	1.7	. 3	C	0	زم					6.9	5.5
SSW	.7	. 8	.7	- 4	. 2	ما	-0	.0		L		2.9	8.0
sw	- 4	.7	. 8	-4	2		-0	.0				2.9	7.
wsw	4	5_	3		.0	0	0					1.5	6.0
w	- 9	1.1	8	3_		0_						3.2	6.3
WNW	-7	_1.1	9	3				.0				3.1	6.
NW	1.7	2.3	2.2				0		<u> </u>			6.9	6.5
NNW	فسا	1.2	. 8	. 2					<u> </u>			3.1	5.0
VARBL						l							
CALM	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	'≥<		$\geq \leq$	$\geq \leq$	><	><	13.8	
	19.1	30.9	22.0	7.5	1.3	1		. 0				100.0	5.

TOTAL NUMBER OF OBSERVATIONS 24458

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DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

231.09 DAVIS MUNIMAN AFB ARIZONA(IUCSON) 42-44,48-75

	*						HOUR	\$ (L.S.T					
					сон	DITION							
				,									
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	٧,	M W Si
N	. 2	2										. 4	
NNE	• 2	•1	.1	•0								- 4	
NE	.1	. 2	ن.		.0							.4	
ENE	.4	. 3		<u> </u>						L		.9	
E	1.3	2.5	1.8	. 3	1							6.0	
ESE	2.5	0.5	3.6	1.4	. 3							14.3	
SE	6.0	16.2	7.5	_1.3	3_							31.2	
SSE	3.6	7.6	3.8	6		•				<u> </u>		15.7	
<u> </u>	2.5	3.2	led									7.7	<u> </u>
SSW		. 7	9									3.2	<u> </u>
SW		6	- 4		0_			 		ļ	ļ	1.8	├
WSW		- 4	3_					 				1.1	
W	4	6-	2	-0							ļ	1.2	
WWW WW		-3	2			0						. 8	┢
NNW	.2	-3	.7	.0				 			<u> </u>	1.4	-
VARBL	• • •	0			-0							• 5	\vdash
CALM	> <	> <	> <	>	\times	> <	\times	\times	> <	>	> <	13.0	
	19.7	39.6	21.5	5.1	1.1	. 1		*	,			100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{\text{JUL 64}}^{\text{FORM}}$ 0-8-5 (QL A) previous editions of this form are obsolete

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVIS MINIHAN AFR AKIZONA (TUCSON) 42-40,48-76

										0300 HOVE	-		
	_				COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	1	_ 2										- 2	
NNE	. 2	.1	ن									• 3	
NE	. 4	. 2	• 2	• 0								7	
ENE		4	2	.1	.0							8	
E	1.0	2.0	1.6	.4		- 0						5.1	
£SE	1.6	5.7	4.5	1.8	1	- 1	.0.					13.8	
SE	5.4	16.5	8.4	2.1								32.4	
SSE	2.7	_ 2.6	5.6	. 6	0							18.4	
\$	1.7	3.0	2.2	. 3					<u> </u>			7.2	
_SSW		6	4	3					<u> </u>	<u> </u>		2.0	
SW	ردما	6	- 4						ļ			1.5	
WSW		- 4	2						<u> </u>			1.1	
	-4		- 3									1.2	
WNW			3_							<u> </u>		- 9	
NW	- 4	<u> </u>	. 3						ļ			1.1	
NNW	- 2		0	<u>.</u>	0				ļ			.4	
VARBL										Ļ <i>,</i>			
CALM				I ><				I ><	I ><			12.9	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{form}}{\text{JUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/HAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MODITIAN AFR ARTZONA (TUCSON)	42-46,48-76 YEARS	HAN LANGE
		ATh.F.,	0600-0800 HOURS (LS T.)
	сон	NOTTO	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		. 2										• 5	3.2
NNE	• 6	. 1	• 1									3	4.0
NE		•1	, i	•0								.6	4.2
ENE	. 4	. 3	. 3	. 3				.0				1.2	7,7
8	1.3	1.9	1.6	. 8	.1							5,7	7.0
ESE	1.4	5.1	3.2	1.5	.1							11.3	6.8
SE	5.2	13.3	9.7	2.3	.2	. 0						30.6	6.3
SSE	3.5	8.6	7.0	. 9	.0							20.0	6.0
S	2.1	3.2	2.4	. 5	.0							8.2	5.7
ssw	. 6	7	.6	• 1	- 1							2.2	6.1
sw	ز .	.4		•0	- 1							1.3	5.7
wsw	. 4	. 3	-1	• 2	.0				<u></u>		,	1.0	6.3
W	. 5	6	.4	-1	-0		L					1.6	6.0
WNW	. 2	- 2	4_	. 0				<u> </u>	<u> </u>	<u> </u>	<u> </u>	.8	6.0
NW	-4	. 3				l 		l				.9	4.3
NNW		.2		.0	.0							.4	6.5
VARBL									L				Ĺ
CALM	$\geq \leq$		$\geq \leq$				$\geq \leq$		$\geq \leq$		$\geq \leq$	13.3	
	17.0	35.4	25.3	0.6	. 7	1		بئم				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

231()9 STATION	DAVIS MONTHAN AFR ARIZONA (TUCSON)	42-46,48-76 YEARS	JAN
	ALL WE	ATHER	0900-1100 HOURS (L.S.T.)
	CONI	HOLLIG	

SPEED (KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	b	. 4	1	•0								1.3	3.6
NNE		.4	1									• 8	4.2
NE		. 5			•	9						1.5	5.8
ENE	ا ده	. 7	. 6	. 4	1	7						2.5	8.1
E	1.0	2.5	1.5	.6	2							6.4	6.6
ESE	1.2	2.8	2.5	2.7	. 8	1			<u> </u>			10.0	9.1
SE	3.0	5.9	5.7	2.6	. 5	. 2						18.0	7.4
SSE	2.1	5.7	3.4	. 9	2	i						13.0	6.1
5	3.5	4.5	1.9	- 4	1							10.4	5.1
ssw	1.2	. 9	- 4	5		.0						3.2	6.3
sw	1.1	В	- 4	5								2.9	6.9
WSW		. 3	4	. 2								1.5	6.9
w	10	-8	8_	2	1			<u> </u>	<u> </u>	<u> </u>		2.8	5.7
WNW	7	9	4	. 2						<u> </u>		2.2	5.3
NW	1.0	-3	7	2				<u> </u>				2.7	5.6
NNW	.9	5_										1.5	4.0
VARBL								L	<u> </u>				
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	19.3	
	20.5	28.4	19.1	9.4	2.2	В	٥	<u> </u>				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{AUC.64}^{FORM}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MINIHAN AFB ARIZONA (TUCSON) 42-46,48-76

	_				ALL WE	ATHER						1200	-140
					сон	DITION							
SPEED (KNTS) DIR.	1 - 3												
N	2.5	2.2	.7	.0								5.4	4
NNE	1.1	.6	.3	• 0	.0							2.1	4
NE	1.6	1.4	. 5	. 3								3.7	4
ENE	.7	. 8	• 7	•4	. 2	0	-0.1	i				2.9	7
Ę	1.2	1.5	1.1	. 7	2	. 1						4.8	7
ESE	,9	1.4	1.4	2.2	• 7	. 2						6.8	10
\$E	1.1	2.1	ناما	1.7	. 3	. 2						7.3	
SSE	. (1	1.0	• 7	. 2	.0							2.7	
<u> </u>		1.3	1.1	5_						<u> </u>		3.8	
ssw	8			. 8								3.3	8
sw		.6	.6	9	.4	. 2		<u> </u>			<u> </u>	3.4	10
WSW	. 7	7		.3	2	1				L	<u> </u>	2.6	
w	2.3	2.3	2.0	- 9	2_		0_	<u> </u>		<u> </u>		7.7	
WHW	1.9	7.2	201	. 9				<u> </u>	<u>ا</u>			7.3	
NW	2.6	3.3	2.5	1.0	2_	2_		<u> </u>				9.8	
NNW	1.8	2.2	1.2	- 2				<u> </u>		<u> </u>	ļ	5.5	
VARBL				ļ	ļ,					Ļ,	Ļ		
CALM		><	><	ľ><	><	><	!><	><	1><	><	\sim	20.8	

USAFETAC FORM 0-8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOTAL NUMBER OF OBSERVATIONS

100.0

DATA PROCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

·K	-	STATION						•	TEARS			•	KONTH
					ALL WE	ATHER	· · · · · · · · · · · · · · · · · · ·					1500 HOVA:	-1700
	_					DITION							
	_					•							
SPEED											1		MEAN
(KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND SPEED
N	2.5	3.2	1.1	3								7.1	4.8
NNE	9	1.0	. 3	•0								2.1	4.3
NE	1.3	9	. 4		.0							2.9	5.3
ENE	. 3	. 5	- 9	. 7	2							2.8	10.
E	6	1.0	1.2	. 9	. 2							3.9	8.5
ESE	-4	7		1.2	2							3.6	9.6
SE	- 2	.7	1.2	5_					<u> </u>			2.6	7.1
SSE	3	5	3_					<u> </u>				_لعل_	6.
<u> </u>	- 3	5	4_	3		0						1.7	8.0
ssw	-2	- 4	8	7_	3							2.5	10.5
sw	- 4	-6	1.3	1.0	3							3.6	9.7
WSW		-4	6	9_	- 2			ļ				2.8	9.5
w	1.0	1.7	2.1	_1.1	2_							_6.1	7.7
WNW	1.2	3.0	3.7	1.9	1-			<u> </u>				10.1	7.8
NW	2.5	6.8	9.4	3.7		2-					<u> </u>	23.1	7.5
NNW	1.7	4.9	4.1	B_				 	<u> </u>	 		11.5	6.5
VARBL							< ->	·					
CALM	· ><	\sim	\sim	· ><	I ><	ı ><	\sim	\sim	I ><			12.4	j

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

23109 D.VIS MONIHAN AFB ARIZONA(IUCSON) 42-46,48-76

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DATA PROCESSING BRANCH FIAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAM AFR AFIZONA (TUCSTIN)	42=45,48=76 YEARS	JAN
		ATHER	1800-2000 HOURS (L.S.T.)
	сон	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.3	1.0	. 3	.0								2.7	4.3
NNE	.6	. 2		• 0								1.0	3.9
NE	. 5	. 7	. 4	•1	0							1.7	5,4
ENE	_ 4	1.0	1.3	. 4	• 1							3.2	7.6
E	. ხ	2.0	2.2	. 6	1							5.7	6.9
ESE	. 8	1.2	1.1	. 3	•							3.4	6.3
SE	1.2	1.7	. 8	.1		9						3.9	5.3
SSE	1.2	1.2	. 4									2.9	4.6
S	أدوا	1.0	. 4	1		.0						2.9	4.7
ssw	.9	. 6	1.0	.4		.0						2.9	7,3
sw	1.0	1.1	.6	3								2.9	5.7
wsw	• 7	• 9	.7	.4	-1	.0					,	2.7	6.7
w	1.8	2.6	1.6	. 4	.0							6.4	5.6
WNW	2.3	4.0	2.7	.6								9.6	5.8
NW	4.2	0.8	4.7	_1.1	3_		<u> </u>					17.2	6.0
NNW	2.9	3.1	1.0	. 3	.0			<u> </u>				6.8	4.8
VARBL			<u> </u>										
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	24.0	
	21.6	29.0	19.5	1. د	.6	1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH EIAC/USAF AIR WEATHER , PVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MOUTHAN AEB ARTZONA(TUCSON) 42-46,48-76

	_				ALL WE	LASS						HOUR	=230(s (L.s.t.)
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED
N		1	. 1	•0				 	 			• 5	5.0
NNE			•0					<u> </u>	 			.2	4.6
NE	- 3	.3	1					 	 	 		6	4.3
ENE	.2	4	- 2	.2								1.3	7.3
E	1.4	2.4	1.9	6	- 1			 	 			6.3	6.3
ESE	2.2	4.6	2.5	8	. 2							10.4	6.2
SE	5.4	11.2	3.8	.7						 -		21.1	5.1
SSE	4.0	7.3	1.5	.3		0						13.1	4.8
5	3.8	4.7	1.5	.3	- 1				T			10.3	4.7
SSW	1.3	1.8	.8	.4	. 1				1			4.4	6.0
sw	1.3	1.2	.6	.2								3.3	5.2
WSW	- 9	1.0	4	.2								2.5	5.3
w	8	1.2	.9	.2	.0							3.2	5.8
WHW	- 4	1.0	. 5	2	.0	L						2.1	6.0
NW	5	- 4	6	. 3	1							1.9	7.3
NNW	3	. 4		1	.1							. 9	5.5
VARBL													
CALM												18.0	

TOTAL NUMBER OF OBSERVATIONS 3133

0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH FIAC/USAF AIR WENTHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109	Davis MONIHAN AFB ALIZONA(TUCSON) 42-45,48-76	F E ()
	ALL WEATHER	0000-0200 HOURE (L.S.T.)
	CONDITION	

SPEED (KNTS) DIk.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 2	.0										2	2.3
NNE	.1											•1	2.5
NE	- 1	• 2		0			ł					• 4	5.8
ENE	• 2	. 3	- 3	.0								• 9	6.0
Ε	1.1	2.3	1.3	. 3	. 1		•0					5.1	6.0
ESE	2.4	6.2	3.0	8.	. 1							12.5	5.9
SE	7.1	16.7	0.3	. 8	.0			i				30.9	5.3
SSE	4.0	d.4	141	. 1	-0							15.7	5.0
s	-2.6	1.2	1.6	a l	.0							8.6	5.0
ssw	1.0	1.3	1.0	.2								3.4	5.6
SW		. 8	7	9	.0	-0						2.1	6.2
wsw	- 00	.8	.2	.0	-0							1.7	4.9
w	-/-	5	3	- 1								1.4	6.0
WNW		. 3	3	1	-0	.0						1.2	7.3
NW	4	4	4	. i	•0			l				1.4	5.9
NNW	. 1	1	-0	.0						T		.3	5.6
VARBL	i												
CALM		><	><	><		> <						14.1	
	21.1	42.7	18.6	2.9	5	1	-0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2706

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFB ARIZONA (TUCSON)	42-45,48-76 YEARS	FFB RONTH
	ΛLĮ WF.	ATHER	0300-0500 HOURS (L.S.T.)
	сомо	NOTION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 2	•1										.3	3.1
NNE	1	Q	•0									٠2	4.0
NE	.0	• 3	• 3									.7	6.7
ENE	. 2	.3	• 2	•2	.0							• 8	7.4
E	1.4	2.1	1.0	. 2	• 1	- 1						4.9	5.9
ESE	2.4	6.3	3.1	.9	. 2	. ()						12.9	6.1
SE	6.5	17.3	9.4	1.4	.0							34.7	5.8
SSE	3.2	9.8	4.1	. 4								17.5	5.4
S	2.2	2.6	1.4			.0						6.4	5.0
SSW	25	. 8	.4	. 2		. 0.						2.1	6.7
SW	٥٠	.6	.4		.0							1.8	6.1
WSW		4	3_		.0						·	1.0	6.4
w_	3_	7	.3	. 2	.0					<u> </u>		1.5	6.6
WNW		2	- 4	1								.8	6.9
NW		2_			-0							1.0	7.1
NNW	لام	1											7.8
VARBL									Ļ		L		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	13.1					
	18.4	41.8	21.6	4.3	.6	- 3						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC $_{AR-\delta4}^{FORM}$ 0-8-5 (OL A) previous editions of this form are obsolete

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DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVI	z waain	AN AFB	ARIZO	NACTUC	SUM)	42-	45,48-	76	EARS			- 	EB KONTH
		-				ALL WE	ATHER						0600 HOVE	-0800 * (L.S.T.)
		-				сон	DITION							
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	2	- 1	.0									. 1	3.6
	NNE		. 1										.1	4.0
	NE	• 2	. 3										- 5	4.1
	ENE	. 3	.2	3	• 2	•0							1.0	7.4
	Ε	.9	2.6	1.1	. 3								4.9	5.7
	ESE	2.0	4.8	. 3.5	1.4	2	1	•0					11.9	6.7
	SE	4.9	14.8	10.0	1.3	1	- 0						31.2	6.1
	SSE	4.2	9.8	7.4	. 3		L						21.7	5.7
	\$	2.6	3.1	2.4									8.2	5.2
	ssw		6	. 4		1							1.7	6.3
	sw		-4	4	3	.0							2.0	5.5
	WSW	-3	2	4									1.0	6.2
	w	2	6	5_	2_								1.4	7.0
	WNW			- 2		0								6.4
	NW		2	3								<u> </u>	. 9	8.0
	NNW				ļ					İ	<u> </u>		3_	5.0
	VARBL	_	Ļ	Ļ,	,									
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.1	
		17.	20.1	2 0	, ,	E		2					100 0	5 3

TOTAL NUMBER OF OBSERVATIONS 2715

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH FIAC/USAF AIR WEATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2310's STATION	DAVIS HENTHAN AFB ARIZONA (TUCSON)	42-45,48-76	FEB HONTH
	- 그 나 그 나 그 나 그 나 그 나 그 나 그 나 그 나 그 나 그	ATHER	0900-1100 HOURS (LS.T.)
	сон	MOLEI	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• /	•7	1	•1								1.5	4.5
NNE	.4	. 3	• 1									.7	4.1
NE	.5	7_	. 2	2								1.6	5.5
ENE	• (3	•6	.6	.4	.1	.0						2.3	7.3
E	1.5	1.9	1.1	.4		•0				ĺ		5.0	5.6
ESE	1.7	3.0	2.4	1.9	.7	•1			T			9.6	8.1
SE	3.3	6.4	4.0	2.1	.4		•0					16.4	6.9
SSE	2.8	5.1	2.6	• 4	.1							10.9	5.5
S	2.7	4.6	2.1	•2						I — —		9.6	5.1
SSW	1.0	1.2	. 7	.4	.2							3.4	6.5
SW	1.0	1.1	.6	-4						T		3.1	6.0
WSW	.7	1.0	•6	. 3		- 1					i .	2.7	6.1
W	1.3	1.2	1.3	.7	.3				i	i		4.8	7.2
WNW		.6	1.1	-4		. 1						2.9	7.8
NW	. 7	1.3	.7	• 3	.0					1		3.0	6.0
NNW	. 7	.7	- 2	-1					1			1.7	5.0
VARBL													
CALM	$\supset <$	\times	\times	>	> <	> <	> <	> <				20.6	
	20.3	30.3	15.2	8.1	2.0	. 4	•0	***************************************	<u> </u>	·		100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2709

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

DATA PRUCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

DAVIS MONIMAN AFR ARIZONALTUCSON) 42-45,48-76

					W.	DITION						
												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	2.3	2.3	وم									5.5
NNE	اف	و	. 2	. 1						L		2.0
NE	3	Lo	. 4	. 4	1							2.6
ENE	المل	. 8	- 4	۵Ó	. 1							2.9
E	_1.1	1.3	. 9	5								3.7
ESE	1	. 8	1.5	1.6	. 9		G					5.6
SE	8	1.3	1.3	1.0	. 3							4.8
SSE	5	1.0	. 9	2								2.7
S	_1.2	LO	. 6	.7	1							3.6
ssw	- 6	-46	. 8	. 8	. 3							3.1
sw	-4	1.1	1.1	1.0	- 6		- 0					4.3
wsw	5	1.6	. 9	1.1		1	- 1					4.4
w	_1.7	4.0	3.2	1.4	. 4	- 0						10.8
WWW	1.1	3.2	2.8	2.2	5	.0	اه					9.0
NW	2.1	3.7	4.5	1.8	- 4	. 1						11.6
NNW	1.9	2.9	1.3.	. 3	0					T		6.5
VARBL												,
CALM		$\overline{}$	$\overline{}$	$\overline{}$	>		$\overline{}$					16.0

USAFETAC FORM (8.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOTAL NUMBER OF OBSERVATIONS

DATA PRUCESSING BRANCH EIAC/USAF AIR WEA!HER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAM AFB ARIZONA (TUCSON)	47-45,48-76	- FEB					
	ALL WEATHER							
	СОМ	DITION						

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.4	1.6	•2								5.4	5.6
NNE	.1	1.0	2	.1								2.0	5.0
NE		.7	. 5	•7	1	.0						2.5	7.9
ENE	. 5	. 8	8	•7								2.9	8.5
E	3	•7	.7	.4						L		2.4	8.0
ESE	. 3	.5	1.0	. 8				Ĺ				2.8	3.8
SE	. 2	5		3	-1			L		L	L	1.8	8.1
SSE	. 2	1	.2									6	6.1
5		. 5	. 4	.5	·i							1.6	8.9
ssw	ا م	. 3	.7	1.2	.4	0						2.8	11.4
5W	2	. 8	7	_1.3	- 5			<u> </u>		İ	L	3.7	11.4
WSW	-1	7	1.7	1.6	٠.	4						4.8	11.2
w	. 7	2.2	4.1	2.6	.7		1				<u> </u>	10.5	9.5
WNW	1.2	3.8	5.2	3.1		i					L	14.0	8.7
HW	1.8	5.5	9.8	5.5								23.7	8.9
NNW	1.0	3.8	3.6	1.8	.0							10.8	7.1
YARBL													
CALM	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq		7.6	
	9.9	24.3	32.0	20.9	4.5	. 7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2709

USAFETAC $\frac{\text{FORM}}{\text{AR}}$ 0-8-5 (QL A) previous editions of this form are obsolete

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

) Det	DAVIS	e novîn	A'I AFB	ARIZO	HALTUC	SON)	42-	<u>45,48-</u>	76	EARS				E ()
		_				ALL NI-	ATHER			·			1800 BRUON	-2000 (L. (T.)
		_				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SZEED
Γ	н	-1.2	1.0	7	•0								2.8	4.6
	BNI	.4	. 4	. 2	•0								1.1	4.7
	NE		- 4	. 4		1							1.4	6.7
Γ	ENE	. 4	1.3	1.3	.7								3.6	7.5
	E	9	1.3	1.4	.4	.0							3.9	6.6
	ESE	.7	. 9	5	• 1								2.1	5.3
	SE	6	9		•0								2.0	5.1
	SSE	. 5	. 4			0							1.0	4.5
	5	. 9	7	3	. 2								2.1	5.2
	ssw		5	. 8	.7								2.7	8.3
L	sw	7	9	1.2	5		0						3.4	7.5
L	₩S₩	8	1.2	1.0	- 4	. 2	1						3.6	7.2
L	w	2.4	3.8	3.3	1.0	1							10.5	6.4
L	MIIM	1.9	4.8	4.2	1.0								12.2	6.8
J.	NW	_3.5	9.1	9.1	2.7				.0			<u> </u>	24.5	6.9
1	NNW	1.8	3.4	203	4	1						L	7.9	5.8
1	VARBL									L	<u> </u>	<u> </u>		
_	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.9	
- 1		ff i	1		1					1		1		

TOTAL HUMBER OF OBSERVATIONS

USAFETAC FORM O-0 5 (OL A) PREVIOUS EDITIONS OF THIS FORM AT COSCIETE

DATA PROCESSING BRANCH EIAC/USAF AIR NEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AFR ARIZONA (TUCSON)	43-45,48-76 YEARS	FEB
		LAGE	2100-2300 ROURS (L.S.T.)
	COM	(DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 3	• 2		• 1								• 5	4.5
NNE		.1										• 1	5.0
NE	-1	• 2	•2									•6	5.1
ENE	. 3	. 8	. 4									1.6	5.9
E	1.1	1.9	1.0	.4	• 0							4.4	5.8
ESE	1.9	3.1	1.3	.3	• 1							6,7	5.6
SE	5.0	8.0	3.2	٠٫١								16.3	4.9
SSE	3.5	6.5	1.6	•1								11.7	4.5
S	3.8	6.1	1.8	.1	.0							11.9	4.6
ssw_	2.0	1.9	1.1	.1	.0							5.2	4.9
sw	1.4	1.9	1.1	.2								4.6	5.3
WSW	. 8	1.1	• 7	• 2								2 • 8	5.4
W	1.8	2.5	.9	. 5								5.8	5.3
WNW	. B	1.7	1.1	. 3	.0_							4.1	6.5
NW	_1.0	1.0	1.0	.4	.0	.0						3.5	6.4
NNW	. 2	.3	.2		.0							.7	5.9
VARSL													
CALM	$\geq <$	> <	><			><			$\geq <$		$\supset <$	19.7	
	24.1	37.3	1,,0	3.0	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

(-

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNITIA AFB ARIZONA (TUCSON)	42-45, 48-75 YEARS	MAR
	ALL WE	ATHER ASS	0000-0200 HOURS (L.S.T.)
	COMP	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•1	2										.3	4.0
NNE	.2	•1	•0									• 3	3.9
NE	. 2	. 2	.0	• 0	.0							• 5	5.1
ENE		.4	. 3	.2								1.0	7.2
E	1.1	1.9	8.	-1								3.8	5.0
ESE	2.3	6.5	1.6	• 3								10.7	5.0
SE	6.4	ا خوا	3.8	-1								26.9	4.8
SSE	3.9	8.7	2.3									15.0	4.7
<u> </u>	2.7	4.9	2.4	2_	.0				<u> </u>	<u> </u>		10.2	5.2
SSW	1.1	2.2	1.4	.3			ļ				<u> </u>	5.1	6.1
sw	-7	1.5	- 8	5_								3.6	6.7
WSW	5	5	6	- 2				<u> </u>	ļ			1.9	6.9
W	4_		7	- 2								2.5	6.8
WNW	2	5	-4	2_							ļ	1.3	7.2
NW	- 2	2	- 4	- 3	.0	0_					<u> </u>	1.2	8.2
NNW	-0									ļ		.3	7.4
VARBL									Ļ.,	Ļ			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	15.4	
	20.3	45.5	15.6	2.8	. 4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2969

USAFETAC $\frac{\text{FORM}}{\text{JUL } 64}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

DATA PROCESSING BRANCH ELACTUSAF AIR WEATHER SERVICETMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

					ALL ME	ATHER						0300 HOUR	-05
			CONDITION										
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MI W
N		. 1	. 1							i		•2	_ {
NNE	. 1	. 0					i			ĺ		•1	
NE	- 2	. 1		-1								.4	
ENE	- 3	.5	. 1	• 0								1.0	
E	.9	2.2	.5	. 3								3.9	
ESE	2.9	7.5	1_2.6	• 2	.0		i			 		13.2	
SE	(10.3	19.5	7.1	- 4	.0		i			<u> </u>		33.4	
SSE	3.6	7.7	4.1	. 3	- 0							15.7	
\$	_2.1	3.1	1.0	- 4	- 1							7.3	
ssw	. 7	.9	- 8	4	- 1							2.9	
sw	. 7	4	. 8	. 4		. 2						2.6	
wsw	4	5	5	- 2	-1							1.7	
w	- 3	. 5		0								1.5	
WNW	2	4	.3									1.0	
NW	- 3	2	3	2								1.0	
NNW	1	1	.0									.3	
VARBL													
CALH							ī 💙					13.9	

USAFETAC $\frac{\text{FG}^{3M}}{\text{AR}}$ 0-8-5 (OL A) previous editions of this form are obsolete

TOTAL NUMBER OF OBSERVATIONS

23109 DAVIS MUNIHAN AF B ARIZONA (TUCSON) 42-45, 40-75

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(FROM HOURLY OBSERVATIONS)

ALL MEATHER

₹

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MUNIHAN AFR ANIAGNA (TUCOGN) 42-45,48-75

	-				ALL WE	ATHER						0000 8008	080-080 s (L s.t.)
	_				сон	MOITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	*	MEAI WINI SPEE
N	•2	•1	• 1		·					 		•3	4
NNE	• 2											•2	2
NE	• 2		.1									- 2	3
ENE	. 3	.1	• 2	•1	.1							.8	7
E	1.1	1.9	.6	.1								3.8	5
ESE	2.2	5.5	2.4	. 4	.0					1		10.5	5
SE	5.7	15.1	8.5	•6	.0							29.9	5

ENE	. 3	.1	.2		1							. 8	7.5
E	1.1	1.9	.6	1								3.8	5.1
ESE	2.2	5.5	2.4	. 4	.0							10.5	5.6
\$E	5.7	15.1	8.5	. 6	.0				<u> </u>			29.9	5.6
SSE	405	9.2	7.0	. 2					<u> </u>			20.7	5.5
5	2.4	3.5	2.5	. 3	1	1						8.9	5.7
ssw		.5	. 8	. 4			0					2.5	7.1
sw		.7	. 4		.0				1			1.8	6.0
WSW		-4		. 2	1	.0			İ		,	1.3	6.8
w		.6	ر و		0_							1.7	6.7
WNW	2	- 2	. 3									. 9	6.8
NW	4	-2	- 4						<u> </u>			1.3	7.4
NNW	1	. 2	.0									.3	4.8
VARBL	L												
CALM	$\geq \leq$	$\geq \leq$	> <	><	><	> <	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	14.8	
	19.0	38.3	2340	أداد	4	- 1	Û					100.0	4.9
-													

TOTAL NUMBER OF OBSERVATIONS 2968

USAFETAC $\frac{\text{FORM}}{\text{JUL 64}}$ G 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

POLIEC	IVAG	z wowin	ATI AFB	ARIZO	NACTUC	<u>2011)</u>	42-	45,48-	75	EARS			<u> </u>	AK IONTH
		_				ALL WE	aTHI R						<u> </u>	-1100
		_	_	-		ÇI	LASS						Nove	\$ (L.\$ T.)
							DITION							
						CON	DITION							
		_			. .									
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	1.0	- 8	. 1									1.9	3.5
	NNE	.5	.4	• 1									1.0	3.8
	NE	1.0	. 5	.2	.1								1.8	4.4
	ENE	. 7	. 5	. 2	. 3	٥٥							1.8	5.6
	E	1.3	1.6	• 7	.5	.1	-0						4.3	5.9
	ESE	1.3	2.1	1.6	- 8	. 2	.0						6.0	6.9
	SE	2.0	4.6	2.1	1.0	3	.0						10.5	6.2
	SSE	2.4	3.6	1.6	- 2	, O							7.8	5.0
	5	3.7	4.2	2.5	- 6	3_							11.3	5.6
	SSW	1.7	1.5	1.0	- 9	- 3		.0.			<u> </u>	<u> </u>	5.4	7.2
	SW	1.0	1.1.	ــنمــــــــــــــــــــــــــــــــــ	- 9		3.				<u> </u>		4.7	9.0
	WSW	<u> </u>		7 .				•0					3.4	7.0
	w	1.6	1.3	1.4	7	- 2							5.3	6.9
	WNW	6_	1.5				-0-					<u> </u>	3.8	7.4
	NW	1.8	1.5	1.6	-7						ļ		5.7	6.6
	NNW		6		2	0_							1.9	5.9
	VARBL		Ļ.,	<u></u>	L	<u> </u>			Ļ.,	Ļ	Ļ.,			
	CALM	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	23.5	
	i .	11	ı	ı	I	I	I	i	ŀ	ì	1	i l	1	i

TOTAL NUMBER OF OBSERVATIONS 2967

USAFETAC FORM 0-8-5 (OL A) PREVIOUS ED. "NS

PERCENTAGE FREQUENCY OF WIND

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MENTHAN AFR ARTZONA (TUCSON)	42-45,40-75 YEARS	/IAR
		aThifk	1200-1400 MOURE (L.S.T.)
	COMO	TION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.1	1.1	• 1	.0							4.8	5.4
NNE	. 4	. 6	• 2	•0								1.3	4.5
NE	.9	.5	• 2	.1								1.8	4,5
ENE	5	. 6	.4	. 3								1,9	7.0
E	.6	8	- 4		ا							2.0	6.1
ESE	-4	. 8	. 9	.5	-1							2.8	7.8
SE	.6	. 6	1.0	• 2	الم	٠.٥						2.6	7.1
SSE	.5	6	. 5	. 3								1.9	5.5
s	. 6	1.7	1.0	. 5			0		l			3.9	7.2
ssw	. 5	7	1.1	1.8	.4							4.7	10.5
sw	. 8	1.2	1.5	2.6	1.0	3_						7.5	11.4
WSW	<u>. is</u>	1.5	2.1	2.0	. 8	- 2	0_					7.5	10.2
w	1.4	3.5	4.0	2.6	- 9	2	1					12.7	9.0
WNW	1.4	3.2	3.6	2.1	.5	1	0_					10.9	8.3
NW	1.9	5.0	4.0	2.5	5	1_				i		14.1	7.8
NNW	1.6	2.7	1.8	.6	. 2	- 1				<u></u>		7.0	6.6
VARBL									L				
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	12.9	
	14.1	26.3	23.9	16.4	5.0	1.1	. 3					100.0	7.2

OTAL	NUMBER	OF	OBSERVATIONS		2964
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USAFETAC $_{
m RUL~64}^{
m FORM}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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(D)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AFR ARIZONA (TUCSON)	42-45,48-75 YEARS	MAR
	ALL W	EATHER CLASS	1500-1700 HOURS (L S.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 2;	22 - 27	28 - 33	54 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	9	1.7	1.4	. 3	-1							4.4	6.3
NNE	.5	. 4	.2	0								1.1	4.6
NE	6.3	. 5	. 3	•0								1.1	5.4
ENE	. 2	4			.0							1.2	7.3
E	1	.4	. 5	- 4	.0							1.4	8.4
ESE	. 2	.2	. 3	- 2								• 9	7.1
SE	1	2	. 3	. 2								.8	8.1
SSE		. 1	1			• • 0						•2	9.4
\$	- 2	. 5	. 4	. 3	. 3					Γ		18	9.7
SSW	2	. 3	1.1	1.5	. 4							3.7	11.7
sw	2	4	1.7	3.2	1.2	. 2			I			7.1	12.9
WSW	.5	. 7	2.4	2.6	1.1	. 2						7.5	11.3
w	lal	2.5	5.3	4.6	1.7	- 1	0					15.3	10.4
WWW	.7	2.3	6.3	4.5	9	2						14.8	10.0
NW	1.7	4.7	9.0	6.0	1.2	. 3				-		22.9	9.3
NNW	lal	2.5	4.3	2.0	. 1							10.0	8.1
VARBL													
CALM	$\geq \leq$	\times	\times	\times	\times	\times	$\geq \leq$	$\geq \leq$	$\geq <$	\geq	><	5 • 8	
	8.2	17.6	34.0	26.1	7.1	1.2	٥					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2962

USAFETAC $_{\rm SUL~64}^{\rm FORM}$ 0-8-5 (QL. A) PREVIOUS EDITIONS OF THIS FORM ARE OF SOLUTE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAN AFB ARIZONA (TUCSON)	42-45,48-75	MAR
		ATHER	1800-2000 HOURS (L.S.T.)
	СОН	DITION	

SPEED (KNTS) CIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.7	•1								3.3	4.9
NNE	.6	. 2	• 1	- 1								• 9	4.0
NE		_3	. 2	• 1	.0							1.2	6.0
ENE	3	. 5	• 5	• 2								1.6	7.1
E	. 4	.2	ر.	• 3	.0							1.5	7.4
ESE	. 2	.3	. 3	. 3								1.1	7.4
SE	. 3	• 3	ار و	• 0		.0.						1.0	6.1
\$\$E	. 2	. 4	.1	• 0								.7	5.5
5	. 1	•4	د و	. 4	.2							1.5	9.5
ssw	, 4	. 8	• 9	.7	.0	•0						3.0	8.2
sw	. 6	1.5	2.4	1.4	. 4	.0						6.5	8.8
WSW	. 8	2.0	2.1	1.4	.2	.1						6.5	8.2
₩	1.6	3.9	4.2	2.2	. 3							12.3	7.7
WNW	2.2	5.4	5.8	1.7	. 3	-1	.1					15.5	7.2
NW	2.7	7.2	11.4	3.6	.2	1.	.0					25.3	7.7
NNW	1.2	2.5	3.0	• 7	.1	• 0						7.6	7.0
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	><						10.7	
	13.2	27.3	33.2	13.5	1.8	. 3	, i					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2959

USAFETAC $_{JUL~64}^{FORM}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVIS MUNIHAN AFB AKIZONA (TUCSON) 42-45,48-75

	_	STATIO	N NAME						YEARS				HONTI
	-				All wi-	THER						2100 HOUR	Z
	-	······································		 	cox	DITION							
	-	<u> </u>	····		, — . <u> </u>								
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 19	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	1
N	1	.3	.1	•0		·				1		8.	Г
NNE		.2	.0									.3	E
NE	.2	. 4	.0	• 1	.0			 	 			.7	Π
ENE	• 2	• 2	. 3	.2	0							1.0	Γ
E	.7	1.1	- 4	. 3	. 0							2.5	
ESE	1.4	2.0	8.	1								4.0	
SE	2.8	4.7	.9	• 1	.0			1				8.5	
SSE	2.9	4.2	5	1_								7.7	L.
5	4.1	1 3.3	2.1					<u> </u>	<u> </u>		<u> </u>	12.0	_
SSW	1.6	2.5	1.8	3_	0		<u> </u>	<u> </u>	<u> </u>			6.2	L
SW	1.8	2.4	1.9	5_		ļ	ļ				 	6.5	_
WSW	1.5	1.9	1.2	3_	0_				<u> </u>				ㄴ
W	2.4	3.5	2.0							ļ	 	8.4	
WNW	1.2	2.3	بنا	9				<u> </u>	ļ		ļ	6.3	<u> </u>
NW	9	1-1-6-	1.2	6_		-0				ļ	<u> </u>	4.5	_
NNW	4	ـ نامـــــــــــــــــــــــــــــــــــ	2_						<u> </u>		<u> </u>		↓
VARBL				k	-					\leftarrow	\leftarrow	 	-
CALM		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		\searrow	$\geq \leq$		24.5	L
	22.5	32.8	15.5	4.0	6	L.,						100.0	

USAFETAC $_{\text{JUL 64}}^{\text{FORM}}$ 0-8-5 (QL A) previous editions of this form are obsolete

TOTAL NUMBER OF OBSERVATIONS

2962

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MONIHAN AFB ARIZONA (TUCSON) 42-45,48-75

					ALL ME	ATHER						OOOU	-02 s (L.s.)
	~				CON	DITION				<u> </u>			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MI W SP
N	•2	0	-1		0							• 3	
NNE	.1	.0										•1	
NE	. 1	.1	. 1									2	-
ENE	. 2	.3	- 1	1								.7	
E	1.2	2.0	ز .	- 2								3.6	
ESE	2.2	5.3	1.1	. 3	0						Ĺ	9.0	$oxed{oxed}$
\$E	5.0	10.1	3.2	. 1							L	25.1	_
SSE	2.9	8.9	• 0	•0								13.8	
\$	3.0	6.7	3.1	3	G	G						13.8	_
SSW	1.0	2.0	1.4	3								4.8	
sw	1.2	2.1	1.5	-4		.0				<u> </u>		5.3	<u> </u>
WSW		1.0		3_	.0			<u> </u>	<u> </u>	<u> </u>		2.5	<u> </u> _
w	1.1	9	-9	- 2					<u> </u>		<u></u>	3.1	
WNW	- 2	6		3_		0				ļ	<u> </u>	1.8	
NW	2	3_	5_	- 2						<u> </u>		1.2	<u> </u>
NHW		-2		2_		0			ļ			6_	ļ
VARBL	<u> </u>	Ļ	Ļ	Ļ				ļ	Ļ	Ļ		<u> </u>	<u> </u>
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.0	
	20.6	44.4	16 6	2 1	,	,	^					100 0	

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFB AKTZONACTUCSON)	42-45,48-75	APR
		/, Trick	0300-0500 Hours (L.S.T.)
	сон	DITION	-

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N												• 3	2.4
NNE													
NE		. 2	1									. 5	5.2
ENE	. 3	. 2	• 1	•0								• 8	4.6
E	1.4	1.9	1.1	• 1								4.6	5.1
ESE	1.7	5.5	2.5	. 3								11.0	5.4
SE	4.0	21.4	7.3	.4	.0							34.1	5.3
SSE	3.4	9.4	4.4	•2								17.4	5.4
5	2.4	3.4	2.7	. 2			<u> </u>		<u> </u>		<u> </u>	3.7	5.6
SSW	.6	.9	8.	. 2		<u> </u>	.0				<u></u>	2.6	6.5
SW	٠.5	-7	1.2				<u> </u>		L			2.6	6.8
WSW	دء	-4	3		-0					<u> </u>	<u> </u>	1.3	5.8
w	5	.5	. 4									1.5	5.7
WNW	- 2	2	2_		0							. 7	5.7
NW	الم	3_	3_	.4	10_				<u> </u>		<u> </u>	1.1.1	9.2
NNW								<u> </u>		<u> </u>		. 5	6.7
VARBL	ļ	<u> </u>				L	<u> </u>	<u></u> ,		L	L		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			12.2	
	17.2	46.2	21.7	2.4	.2		.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2860

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2310°,	<u> 04713</u>	e noaia	ALL AFB	AR I Z D	<u>NV (TUC</u>	รอกว	42-	45.48-	75	TEAPS			- A	PR
						all at	. THED						0600	-0800
		_				ALL NF	ASS						HOUR	(L.S.T.)
						CON	DITION							
		_												
Γ	SPEED				, <u> </u>					l .				MEAN
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WINC
-														
-	N		1		0_					 			- 4	4.2
-	NNE	2							 	ļ			- 3	3.1
Į.	NE			-0									3	6.9
Į.	ENE			- 2	.0	.0								5.9
1	E	٧	2.0	1.1	2	0			<u> </u>				4.2	5.7
Ĺ	ESE	1.0	3.7	2.6	نم					<u>i</u>		<u> </u>	8.3	5.8
Ĺ	SE	5.1	14.3	3.0	6	.0	0		l	İ			28.1	5.7
	SSE	3.7	10.8	5.2	2								20.9	5.5
	\$	3.3	5.2	3.1	- 4								12.1	5.4
[ssw	1.0	. 8	8	- 4				·				3.0	6.3
[SW	5	9	. 9	. 3								2.6	6.5
	WSW	. 4	. 3	- 3	- 3	ن	. 1						1.5	8.1
[w	. 5	.7	5	. 1	.1				1			1.8	6.3
ſ	WNW	• 6	5	. 3	2.	. 1							1.6	6.6
ſ	NW	. 5	. 3	. 3	.2	, o							1.3	6.2
Ī	NNW	. 2	. 2	. 1	0	. ()							ı é.	6.2
	VARSL													
[CALM	$\supset <$	><	> <	><		><	><	$\supset <$		$\supset <$	><	12.2	
f									1	1		7		

USAFETAC FORM 0.8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

2869

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS HUTE HALE ALS ANIAGRACTUCSON)	42-45,46-75 TEARS	APR
		ATHEK	0-900-1100 HOURS (L.S.T.)
	COR	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	:1 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	9.	. 4	. 1								2,5	4.3
NNE	. 4	. 6	.1	•0								1.1	4.1
NE	27	.5	2	.1								1.6	4.3
ENE	٥.	.4		• i	1						<u> </u>	1.6	5.3
E	1.4	i . 5	.4	. 3								3.7	5.0
ESE	1.0	1.2	.9	• 7	.2							4.1	7.5
SE	2.0	2.4	1.2	1.2	. 3							7.0	6.8
SSE	2.2	2.6	1.1	•1	-1	οÚ					İ	5.2	5.0
S	3.0	4.0	2.2	.7	.1	.0						10.0	5.6
ssw	1.6	1.5	1.5	1.3	.2	0_						0.2	7.6
sw	_1.5	1.4	1.9	1.6	. 5	0						6,9	8.2
WSW	8.	1.3	. 9	.5	. 2	.0	• 1	•0				3.9	8.1
w	2.1	2.4	_2.1	_lel	. 2							9.1	6.9
WNW	1.6	1.3	1.0	. 5	. 3					<u> </u>		4.8	6.6
NW	1.0	الما	107	. 13								6.1	6.5
NNW	1.0	1.0	- 9	- 3	0.		0	<u> </u>				3.3	6.2
VARBL								L		<u></u>			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	22.8	
	23.4	24.9	16.5	9.5	2.3	4		٥				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2867

USAFETAC $\frac{\text{FORM}}{\text{AR 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS O. THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

OO E	DAVI	z woain	AR AFB	ARIZO	NVITUC	Snu)_	42=	45,48 -	75	TEA RE			<u> </u>	PR
		•				ALL ME	ATHER	· · · · · · · · · · · · · · · · · · ·					1200 HOUR	-1400 (L.S.T.)
		-				COM	DITION							
	SFEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	1.0	2.1	1.3	• 2	.0							5.1	5.3
	NNE	ن	.7	. 2									1.5	4,7
	NE	.0	.6	- 2									1.5	5.0
	ENE	. 3	.6	. 2	.0								1.1	5.2
	E		.7	.5	. 4								2.4	6.2
	ESE		.5	. 5	. 3	.0							1.5	7.5
	\$5		6	- 6	. 3	.1					i		i.8	7,7
	SSE	. 4	.3	ر د	.0	. 1	. 1						1.3	7.3
	5	8	1.2	1.4	-6	.1							4.1	7,3
	SS¥1		. 8	2.0	2.0	.4	. 2						5.8	10.6
	s'.		2.0	3.3	2.5	.7	2						9.6	9,9
	WSW	ان م	1.6	2.3	3.3	.9	4	لاء					9.3	10.1.
	w	1.5	3.4	5.5	3.6	1.1	- 4	1					15.5	9.6
	WNW		2.6	100	2.1	3	0			<u> </u>			10.1	8.5
	N.M.	1.1	4.5	لمث	2.0	3							13.4	7.8
	NNM	9	2,7	2.5	.9	.2					ļ		7.2	7.4
	VARBL	L	L			<u> </u>						L		
	CALM	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	<u>></u> <		8.7	
	1	1 11 9	24.9	36	10 1	,	1 /	'7		1			100.0	7.8

US, FETAL $\frac{\text{FCRM}}{\text{JUL-64}}$ 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FCRM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

2864

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSER*/ATIONS)

3109 STATION	DAVI	<u>2 WANÍH</u>	AN AFR		АРК									
		_				ALL ME	ATHER							-1700
		_			-	сон	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 、21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	. 7	1.4	1.0	. 5	2	. 1						3.8	7.4
	NNE	.2	. 4	• 2	•1	.0							• 9	6.8
	NE		.5	. 5	• 2								1.3	6.9
	ENE	.1	. 4	• 2	• 2								1.0	7.3
	E		.4	• 2	• 2	•0				i			1.2	7.5
	ESE	.1	. 3	. 3	•1	•0							• 8	7.7
	\$E	• 2	. 3	. 3	5.	.0							1.0	7.3
	SSE	.1	• 1	.0	. 1	.1							• 3	9.2
	5	. 1	3	.5	.5	.1							1.5	9.7
	SSW	• 1	. 5	1.1	1.5	. 4					-		3.7	11.1
	sw	• 1	. 9	2.4	3.2	1.4	- 4	•1					8.6	2,9
	WSW	.2	1.2	3.4	4.6	1.3	. 3						11.0	11.8
	١,	. 5	2.4	8.8	6.4	1.5	. 5	٤٠					20.3	10.9
	WNW	1 . 5	2.1	5.8	4.1	. 9	. 2	.0					13.6	10.2
	NW	1 0	3 6	8.0	5.2	1.1							18.5	9.7
	NNW	1 .7	2.4	3.9	2.0	.4		L	<u> </u>	<u> </u>			9.4	8.7
	VARSL	1												
	CALM		$\geq \leq$	$\geq \leq$				$\geq \leq$	$\geq \leq$			$\geq \leq$	3.2	
	1	11	1	1	I	_	Į.	j	ĺ	l	l	1 1		

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

2862

VARBL

CALM

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS	- wonin	AN AFB	As I/I)	NACTUC	2514)	42-	45.48-	15	EARS			^ <u></u>	PR
		_				ALL WE	ATALE						1800	-2000
						сон	DITION							
	SPEED	_												MEAN
	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
	N	.0	- 8	.9	. 1								2.4	6.0
	NNE	. 2			1								•6	6.9
	NE		. 3	Ú		. i							1.4	6.6
	ENE	1	. 3	1	.1	0_	1						. 8	8.7
	E	. 3	. 4	- 3	. 4	.0							1.4	7.7
	ESE	-1	3_	. 2	.2								. 8	7.8
	SE I		3		1								.8	6.6
	SSE	1	. 2	1		.0							.6	6.8
	S		- 2	. 3	2	0.							. 9	8.0
	ssw	. 5	.7	1.0	1.1	1							3.5	3.7
	sw		الأما ا	2.6	2.0	- 4	- 11						7.2	9.3
	W5W	7	1.9	3.7	2.3	- 2	0						8.9	8.9
	w	_1.5	3.5	5.7	3.9	9_		ــــــــــــــــــــــــــــــــــــــ					18.9	8.9
	WNW		3.9	4.7	2.5								12.5	8.2
	NW	1.2	7.2	10.6	4.1	<u> </u>							24.4	8.1
					1	1		_	1	1				

TOTAL NUMBER OF OBSERVATIONS

5.8

100.0

USAFETAC FORM O 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

* **

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WILLTHIA

	_	COMPLIEN											
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	M W SF
N	5	.1	• 1									.8	
NNE	. ن	• 1	•0	•0	0							•5	
NE	. 2	.1	• 1	•0	. ()							•5	
ENE	•1	.4	• 2	.1	.0							.9	
E	ક	.7	. 7	•1								2.3	
ESE	.7	1.3	.4	• i	, C	.0	0					2.6	
SE	1.5	2.5	.9	•0								4.9	
SSE	2.4	3.4	.6	.0								6.4	
S	3.4	6.2	1.8	• 2		0			ļ			12.3	
ssw	2.0	2.2	1.6	زو	.0							6.1	
_sw	2.1	2.2	2.0	. 8								7.1	
wsw		2.7	107	. 2					<u> </u>			6.4	<u> </u>
w	1.2	المائي	3.0						<u> </u>			12.0	<u> </u>
WNW	1.7	3.5	2.5	. 8	0			<u> </u>				8.6	<u> </u>
NW	1.5	2.3	2.5		2_					<u> </u>		7.6	
MMM				1	.0				<u> </u>			1.1	_
VARBL			 _		Ĺ,		<u></u>					<u> </u>	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	20.0	
	22.9	33.3	10.4	4.6	7		. 0.			\		100.0	

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS TORM ARE OBSOLETE

23109 DAVIS MUNIMAR AFB ARIZOMA (TUCSON) 42-45,48-75

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS HUNIHAN	AFB ARIZONA (TUCS)	ON) 42-45,48-75	YEARS	(A Y
		Al	LL KLATHER		0000-0200
			CLASS		HOURS (L S.T.)
			CONDITION		
			·		
_					

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	و .	• 1	• 1									.4	3.8
NNE	٠, ک	• 1										• 3	2.6
NE		. 3	٥,2									.7	5.4
ENE	. 1	.4	.1	• .								.7	5.9
E	1.5	2.0	.4	.2	.0	-1	l					4.1	5.0
ESE	2.3	4.7	.7	. 3								8.1	5.0
SE	4.4	14.0	2.8	• 2								21.4	4.8
SSE	4.0	2.8	2.2	.0								16.7	4.6
S	1.0	7.8	3.2			.0	<u> </u>	<u> </u>				14.8	5.2
ssw	1.6	2.2	1.2	- 2			<u> </u>	<u> </u>	<u> </u>	<u> </u>		5.1	5.3
sw	1.3	2.1	1.5	- 2	.0		<u> </u>	<u> </u>		<u> </u>		5.0	5.6
WSV/		. 8		-1		<u> </u>		<u> </u>	<u></u>	<u> </u>		2.4	5.2
w	_ ر و	1.2	- 8									2.6	5.6
WNW	3_	- 4					<u> </u>	<u> </u>				1.1	5.5
NW		- 4		0			<u> </u>	<u> </u>		<u> </u>		1.0	5.4
NNW	-2	.2					<u> </u>	<u> </u>	<u> </u>	<u> </u>		.4	4.2
VARSL			ļ	<u> </u>	L	Ĺ,	ļ	<u> </u>	ļ		<u> </u>		.,,-
CALM	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	14.9	
	22.2	46.4	14.5	1.0	.2	1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2952

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATION,

23109 DAVIS MONIHAN AFB ARIZONA (TUCSON) 42-45.48-75

			·		ALL ME	ATHER						0300 HOUR	-050 (L.S.T.)
	_				CON	KOITION							
											, .		
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE
N		\Box										• 1	Ó
NNE	.2		• 1									- 4	4,
NE	. 1	, 3	0	0								• 5	5.
ENE		.4	• 1	.1								.7	5,
E	1.6	2.4	- 8	- 1	•0	•0						5.1	5.
ESE	2.3	7.1	2.5	- 5	· U							13.0	5.
SE	4.1	21.1	8.1	. 2								34.0	5.
SSE	3.1	11.5	4.4	. 2								19.1	_5
S	203	4.3	3.0									9.8	_5
ssw	7	1.1		0								2.4	5.
sw	-4	9	1.0						<u> </u>			2.4	6.
wsw	1 2	2	5		0							9	6.
w	1	1	1									.4	_5,
WNW	.0		.0							<u></u>		3_	4
N.W	.0		1_	0					<u> </u>	<u> </u>	L	-4	_6.
NNW_			1	1					<u> </u>			3_	_5.
VARBL	ļ				,	,				<u></u>	<u></u>		
CALM		><		><	><	><	><	><		><		10.3	

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNITHAN AFR ARIZINA (TUCSON)	42-45,48-75	УДУ:
	ALL MF.	THEK	0600-0800 HOUR* U.S.T.)
	сомо	ITION	

SPI'ED (KN'S) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•0	. 1	۰۷	• 0								• 2	6.3
NNE	•1	-1										. 3	3.9
NE			• 2.	•0								.5	6.5
ENE	.4	.3	• 2	. 2					L			1.0	6.5
E	1.0	1.4	.7	2								3.4	5.5
ESE	1.7	4.0	2.2	5	.0				Í			8.4	5.9
SE	4.6	12.3	7.5	.4	- 1				<u> </u>			25.0	5.7
SSE	4.7	12.1	5.8	2_	.0				<u> </u>			22.9	5.3
<u> </u>	4.5	6.7	3.7							<u> </u>		15.0	5.0
SSW	1.0	1.3	1.0	1	•0							4.1	<u> 5.0</u>
SW	1.0	9	1.0						<u> </u>			3.0	5.4
WSW	اخم ـــا	5	3					ļ		ļ		1.4	5,5
W		6	. 4	•0	0							1.4	6.1
WNW	.3	.5	. 2						<u> </u>			1.2	6.1
NW	3	. 3				0				ļ		1.2	8.3
NNW								<u> </u>				•3	5.3
VARBL									ļ				
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	10.7	
	21.3	41.0	23.6	2.4	. 4	0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2940

USAFETAC $\frac{\text{FORM}}{\text{JR. 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLSTE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVIS MUNITHAN AFB ALIZONA (TUCSON) 42-45,48-75

	-		ALL WEATHER cuss									0900 HOUR) - [] is (L.s.
	-				CON	DITION			<u>•</u>				
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M W SP
N	1.8	1.5		•0	.0_			 				3.8_	<u> </u>
NNE	1.0		. 1					1	 	†———		1.5	
NE	1.2	6	د .	• 1	.1							2.3	
ENE	.7	6	• 3	. 1	.0							1.7	
E	1.6	1.1	.5	.3	.0							3.5	
ESE	.7	1.1	.0	8.	. 3)						3.6	
SE	1.7	1.7	1.02	.5	. 2							5.3	
SSE	1.9	2.5	. 8	.2								5.5	
S	3.3	3.8	2.4	.9								10.5	
ssw	1.7	2.3	1.8	1.2		0						7.1	<u> </u>
sw	1.7	2.5	2.6	1.0	. 2							3.0	<u> </u>
WSW	1.2	1.6	1.2	.6	2_			<u> </u>		<u> </u>		4.9	_
w	2.4	2.5	1.7	4	. 2				<u> </u>	<u> </u>		7.2	丄
WNW	1.0	وما	1.4	5					ļ			4.9	~-
NW	1.5	2.1	1.6	.4				ļ	<u> </u>	<u> </u>		5.8	1_
MMM	_1.3	ا 3 ما	.5	1	.0_		1	L		l		3.2	l

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WNW

NNW VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MUNIHAM AFB ARIZONA (TUCSON) 42-45, 48-75

	-							-1400					
					сон	DITION							
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	1.0	. 2	. 1							5.1	6.0
NNE	.5	1.0	• 4	•0	.0							1.9	5.1
NE	ز.	.6	.6	٠								1.9	5.4
ENE	ا ح و	.4	• 3	• 2								1.2	7.1
E .	ا د و	٠,5	.4	•1						<u> </u>	<u> </u>	1.5	5.7
ESE	.3	. 4	. 3	. 4	. 1	.0					L	1.5	8.9
\$E	•4	. 8	. 5	. 3	.0			l			<u> </u>	2.1	7.0
SSE	ادها	. 4	.5	• 1						L		1.5	6.0
S	. >	1.4	2.0	1.0	. l					L		5.0	7,8
ssw	.5	1.7	3.0	2.3	.7	•.0		L	<u> </u>	l		3.3	0.8

TOTAL NUMBER OF OBSERVACIONS 2945

100.0

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFIE

7 · 4 at

2.6

1.8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

231U9 STATION	DAVIO	S ROND	HHAN AFR AKIZUNA (TUCSON) 42-45, 48-75 STATION HANE YEARS										MA A A				
		_		<u></u> .)-1700 is (L.S.T.)										
		-				CON	DITION										
	SPEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	1.8	. 6	.1				T	 		4.2	7.4
NNE	2	.4	.5	.1	.0						l	1.3	6.9
NE		.3	. 7	.2	.0							1.3	7.9
ENE	. 2	.2	. 3	.3	٥٠	.0						1.1	9.5
E	.1	• 2	- 4	.2	.0		i					1.0	8.2
ESE	1	.0	• 1	•2								.5	10.3
SE	. 1	. 3	•2	-1	.0							. 8	7.7
SSE	1	.0	.2		. 0	-0				 		.5	7.7
5	3	- 4		.4	1	0	0					1.9	9.6
ssw	3.	. 7	1.4	2.4	. 5							5.2	11.1
sw		. 7	3.5	5.8	1.4	- 3		i				12.1	12.2
WSW	. 3	1.6	5.4	5.6	.8	2		İ		1		14.0	
w	. 8	3.2	8.1	7.7	1.5	3_	-c			1		21.7	10.%
WNW	4	1.5	5.2	3.1	- 6							10.8	
NW	3	2.6	6.2	4.0	.6			<u> </u>				13.7	9.7
NNW	. 5	1.7	2.0	1.9	.2				1			6.9	8.9
VARBL							1			<u> </u>			7.
CALM	\geq	\geq	\geq	\geq	>	>			\boxtimes			3.0	
	4.7	15.1	37.4		6.2	1.0						100.0	

TOTAL NUMBER OF OBSERVATIONS

x 12.

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS NOMINAN AFB ARIZONA (TUCSON)	42-45,48-75	МДУ
		ASS ASS	1800-2000 HOURS (E.S.Y.)
	сом	NOITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	. 8	1.9	• 3	.0							2.8	7.2
NNE	زر	• 2		•0						<u> </u>		• 8	5.1
NE	. 2	. 4	.7	•1								1.4	6.7
ENE	ړو	• 2	.4	• 1	,)							•9	7.7
E	.1	• 3	.7	• 2	•0							1.4	8.1
ESE	•0	.1	. 3									• 5	8.4
SE		al	. 2	2	.0						Ĺ	6	9.2
SSE		0	1	.0								• 2	6.2
S		5	. 4	- 3	0							1.7	8.5
ssw		. 8	1.2	1.0	. 2	0	<u> </u>			<u> </u>		3.4	9,9
sw	-4	1.4	3.9	3.2	.5			<u> </u>				9.4	9.9
WSW	1.0	2.8	6.6	3.6	. 3		İ					14.4	8.8
w	1.1	5.0	10.0	5.2	.4	1						21.7	8.8
WNW	. 5	2 - 1	4.7	2.6	- 2							10.1	9.0
NW	1.1.1	4.5	4.0	3.7	2							18.2	2.4
NNW	1.0	2.2	1.4	1.4	.0			<u></u>	<u> </u>			8.0	7.7
VARBL							L						
CALM	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	>>	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	3.7	
	7.2	21.3	43.3	22.2	2.1	. 3						100.0	я,3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2948

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MUNIHAR ALB ARIZONA(TUCSON) 42-45,48-75

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS DRM ARE OBSOLETE

				 	(m-c=				(
CALM		> <	> <	><	$\supset \subset$	$\supset \subset$	> <		$\supset \subset$		><	19.2
VARBL												
NNW	4		. 4	.1								1.7
NW	1.5	2.8	2.31	-3	-0							7.5
WNW	1.8	3.2	2.3	.8.	.0							8.2
W	3.4	6.5	5.9	1.1	0							16.9
WSW	1.8	3.9	2.5	6	.0							8.8
sw	2.2	3.3	2.4	- 5	Ü							8.3
SSW	1.8	2.5	1.0	.0								5.4
\$	2.8	3.6	1.1	1								7.7
SSE	1.8	2.5	4	.0								4.8
SE	1.3	2.2	.5	.1	.0	0						4.2
ESE	-4	.9	. 3	.1	. 1	- 1						1.9
ŧ	-6	8	. 5	•0								1.9
ENE	2		- 2	.2								.9
NE	. 3	. 3	. 3						i			.9
NNE	2	.2	0	.1	.0							.6
N	- 4	2	- 4	. 1								1.1
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109	DAVIS HUHLHAN AFR ARTIONALTUCSON)	42-45,48-75 YEARS	JUN MONTH
	All we	ATHER	0000-0200 HOURS (L S.T.)
	CON	NOTICE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.1	. 3	• 0	.0								. 4	5.4
NNE	. 2	1										. 2	2.9
NE		. 2		• ()				<u> </u>				. 5	3.9
ENE	.1	.1		•0	.0	()	L					•5	7,9
E	1.5	1.8	. 5	.1	Ú	.0						3.9	5.0
ESE	2.2	4.1	1.0	-4	.1	-0						7.8	5.3
SE	4.3	10.1	2.4	. 4	.0							17.3	4.9
SSE	4.0	1.3	1.6	.2								13.2	4.6
S	4.0	7.0	3.4	• 2								15.2	5.0
SSW	1.7	3.5	2.0	. 4								7.6	5.6
sw	1.8	3.0	1.8									6.9	5.4
wsw	1.0	1.4	.7	1								3.1	5.0
w	.9	1.3	: مل	• 1								3.2	5.3
WNW	*	.6		. 1						-		1.8	6.3
NW	2	. 4	. 3				L					1.0	5.1
NNW	2	• 2	-1						Í			• 5	4.8
VARPL													
CALM	$\geq \leq$			><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$				16.8	
	23.5	41.4	15.0	2.4	2	.1					, , , ,	100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2840

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVIS HOHIHAN AFB ARICENALTUCSON) 42-45,48-75

STATION		-	STATIO	MANA					TEARS				MONTH			
					ALL WEATHER									-0500		
						•	LASS						HOUR	\$ (L.S.T.)		
									•							
				COMPLICA												
					, -	,		,			, , ,					
	SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥5ა	*	MEAN WIND	ĺ	
	CIR.	'''	4-0	7.10	''''	17.2	12.2	20.33	34.40	1	/0.33	-30	^	SPEED		
	N		2			 	 	<u> </u>			 		- 4	3,9	ı	
	NNE			0		 			i	 -	 		- 2		ĺ	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	<i>4</i> 8 - 55	≥55	%	MEAN WIND SPEED
N	1	. 2										• 4	3.9
NNE	•1	.1	٠.0									.2	4.0
NE	2	1	•0					L				.3	4.3
ENE	ر .	. 4	.1			i		[-				.8	4.4
E	1.6	2.4	.5	•0								4.5	4.4
ESE	2.8	6.8	1.9	. 5	1				I			12.0	5.2
SE	5.7	18.7	6.0	.4				Ţ — —				30.8	5,2
SSE	_3.0	12.0	3.7	. 1				1				19.6	5,1
S	3.5	4.8	3.3	• 2								11.9	5.2
ssw	• 0	1.3	•7	• 1]		2.6	5.3
sw	6	1.0	• 7	.1								2.3	5.7
wsw	. 3	• 2	-1				1					•6	4.6
w	. 2	1	. 2									.5	5,3
WNW	1	• 1	• 2									• 3	7.0
NW	1	. 1	O.									.3	4,0
иим	. 1	.1										• 1	3.8
VARBL	·					T	1						
CALM		$\geq \leq$	\geq	$\geq \leq$	\geq	\boxtimes	\geq	\geq	\geq	\boxtimes	\times	12.8	
	20.0	48.3	17.5	1.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2834

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOCREE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2.31 tr 9	DAVIS MODITION AND ANTIONA (TUCSON)	62-45,48-75 YEARS	JUN
	All WF	THE IL	0600-0800 NOURS (L.S.T.)
	СОМО	ITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 1		.0									-2	4.0
NNE	. 3	.1										• 4	3.3
NE		• 0	•1						1	i	 	.5	3.8
ENE	- 2	- 3	. 1								i	.6	4.4
E	1.3	2.0	.6	- 1	.0_							4.1	5.0
ESE	1.4	4.3	1.6	. 8	.2	- 1						8.7	6.4
SE	4.9	_13.6	ۋ ئ	.7	.0							24.4	5.3
SSE	4.7	10.4	4.3	2								19.1	5.2
S	4.9	7.4	401	.2								16.5	5.1
ssw	3 ()	1.6	9	.2								11	
sw	. 15	1.0	.8		0				 			2.7	4.9
wsw	- 6	. 5	- 2	1	1								5.8
w	-4	. 3				-0						1.3	5.9
WNW	. 4	1	1									-9	5.1
NW		1		.0.								6	3.5
NNW	1)	1										-3	4.6
VARBL	• -											•3	3.4
CALM	\times	\times	>>	><	>	> <	>	>>	> <	>	> <	14.8	
	21.9	41.8	18.5	2.5	4	. 1			7			100.0	4.5

TOTAL NUMBER OF OBSERVATIONS	2841
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USAFETAC $_{\text{JUL }64}^{\text{FORM}}$ 0-8-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AFB ARIZONA (TUCSON)	42-45,48-75 YEARS	JUN
	ALL KE		0900-1100 HOURS (L.S.T.)
	СОКВ	ITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.5	.4	. ()								3.7	4.0
NNE	9	•6	٠٠٥									1.5	3.1
NE	.7	. 5	اله									1.3	3.6
ENE	. 7	. 6	• 2	• 1	.0							1.7	4.7
E	1.4	1.0	٥.	.1								3.0	4.5
ESE	- 9	. 5	• 6	.6	3							3.0	7.9
SE	1.5	1.4	. 9	ن و	. 3							4.7	6.8
SSE	1.1	2.0	. 3	. 3								3.6	5.2
5	2.6	3.3	2.7	.6	• 1							9.3	5.9
ssw	1.0	2.2	2.5	1.2	. 4		. 0					7.9	7.6
SW	1.9	2.8	3.0	1.4	- 4	1						9.2	7.2
WSW	1.5	2.0	1.3	7		Ğ.					,	5.0	6.4
W	2.3	3.2	1.4	5	.0	.0						7.6	5.5
WNW	1.3	2.5	1.7	.3				<u> </u>		<u> </u>		5.7	5.9
NW	1.9	2.6	2.0	- 4	.0							6.9	5.5
NNW	1.4	1.9	1.1	. 2					<u> </u>			4.6	5.4
VARBL							L		<u> </u>				
CALM	$\geq \leq$	$\geq \leq$	><	><	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	20.7	
	23.4	28.6	16.7	5.9	1.4	1	0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2846

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN ALB ARIZONA (TUCSON)	42-45,48-75 YEARS	JUN
	ALL WF	ATHER	1200-1400 HOURS (L.S.T.)
	сом	SITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	/8 - 55	≥56	*	MEAN WIND SPEED
И	1.0	2.6	1.8		Ö							5.6	6.0
NNE	.4	5	.4					I				1.3	5.
NE	4	.7	.4	.1								1.6	5.
ENE	4	. 3	. 2		• 0							1.1	6.
E	. 4	. 9	.7	. 1								2.1	6.
ESE		. 3	.2	1	.1	-0						1.0	- Fi .
SE	4.3	. 5	. 4	. 3	. 1	•0						1.6	7.
SSE	. 2	6	. 4	. 1	.0							1.3	6.
\$. 4	. 8	1.8	.7	. 45	0		-0				4.1	9.
ssw	- 4	. 9	2.0	1.9	.4	0						5.7	10.
sw	8.	2.5	3.4	3.1	1.1	.2						11.1	9.
wsw	. 5	2.7	3.5	2.8		. 2						10.5	9.
w	1.0	4.0	5.9	2.5	.7	0	Ī					14.3	. 8.
WNW	1.0	2.4	4.3	1.6	. 2							9.6	8.
NW	1.4	4.0	6.0	3.1	2							15.4	8.
NNW	lai	2.7	3.5	1.4	.0							8.7	7.
VARBL													
CALM	$\supset \subset$	> <	> <	> <	> <	> <	$\supset <$			> <	$\supset <$	5•2	
	9.9	28.5	36.5	18.2	4.1			.0				100.0	7.

TOTAL NUMBER OF OBSERVATIONS 2828

USAFETAC O-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

231()9 STATION	DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-	-45,48+75	JUN
	ALL WEATHER		1500-1700 HOURS (L.S.T.)
	COMDITION		

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 3	1.4	1.6	7	.1	. 1						4.2	8.
NNE	1	.5	•1	•1								. 8	5.
NE	• 2	•2	. 5	• 1	.0	.0						1.1	7.
ENE	•1	. 3	. 3	_• ż	• 0	0						1.0	8.
=	• 1	• 2	_, 3	.2								•9	8
ESE		• 2	2	.3	. 1							.9	10
SE		• •	. 4	. 2	.1	•0						•9	10.
SSE		.2	•2	-1		.0						•6	8
S		.1	. 8	•2	-2	0						1.5	10
ssw	• 1	.5	1.8	1.7	.6							4.8	11
sw	. 2	1.1	3.3	5.0	1.5	- 4						11.5	12
WSW	. 2	1.3	4.8	4.1	1.7	. 4						12.5	.11
w	. 5	2.6	6.6	2.3	1.2	1						16.5	10
WNW	. 4	2.1	5.1	4.9	. 5							13.0	10
NW	. 5	2.9	7.7	6.3	В	. 0						18.2	10
NNW	. 5	2.2	4.0	3.1	.2							10.0	9
VARBL													
CALM	\times	> <	><	><		> <	><	><	$\supset <$	$\supset <$	><	1.5	
	3.6	16.0	37.7	32.7	7.1	1.4						100.0	10

TOTAL NUMBER OF OBSERVATIONS 2824

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AF3 ARIZONA(IUCSON)	42-45,48-75	JUN
	ALL WI	THER	1800-2000 HOURS (L.S T.)
	СОМО	TION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 4	.6	.9	. 6		.0						2.6	3.8
NNE	1		1									.4	6.8
NE		3	3		0							. 9	8.1
ENE	1	2	. 3	. 2	-1		.0			<u> </u>		1.0	9.4
E		. 3	. 6	. 2	. 2	. 0				<u> </u>	<u> </u>	1.7	9.5
ESE			. 3	. 3		1	0					1.0	13.0
SE		3	. 5	5	2							1.4	10.5
SSE	1	2	. 2	.4	0					<u> </u>	<u> </u>	1.0	9.0
S	الما	. 4	6	. 3	. 0							1.4	8.6
ssw	- 2	. 4	1.0	8	1					<u> </u>	<u> </u>	2.5	9.2
sw	. 5	lal_	3.2	2.4	5							7.7	10.1
WSW		2.4	4.7	3.6	6	1				<u> </u>		11.9	9.8
w	1.1	3.9	0.6	5.0	5		<u></u>		<u> </u>			20.1	9.0
WNW	.4	2.4	5.5	3.5	- 4		<u> </u>					12.2	9.4
NW	افملا	4.6	9.2	6.8	- 6		L				<u></u>	22.2	9.3
NNW	3	1.6	3.9	3.3	1			<u> </u>	L		<u> </u>	9.2	9.5
VARBL													
CALM	\times	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.6	
	5.2	18.9	40.8	28.3	3.7	4	1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 2934

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETF

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFB ARIZONA (TUCSON)	42-45,43-75 YEARS	HUL HUNDH
	ALL WF	ATHER	2100-2300 HOURS (L.S.T.)
	COM	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	25 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 6	. 4	• 2	•0								1.2	4.5
NNE	.2	.1	•0						L			.4	4.1
NE	. 2	.0	. 2	1	.0	0						•6	9.2
ENE	2	,4	3	1	•0							•9	6.8
E	. 4	. 6	• 9	• 2	.0							2.1	7.1
ESE	. 4	. 4	.7	. 3	. 1	1_		<u> </u>				1.8	8.2
SE	. 8	1.4	1.2	• 4	• 2	0.						4.0	7.0
SSE	1.1	1.4	. 4	1	.0							3.1	4.8
\$	1.6	2.3	1.4	. 3							L	5.7	5.6
ssw	1.7	1.8	1.2	2		-0						4.9	5.4
5W	1.9	2.8	2.4	3	.0							7.4	5.8
wsw	2.3	4.2	3.1	. 4								9,9	5.7
w	3.3	6.9	5.6	. 8			L					16.7	6.0
WNW	2.6	5.2	4.1	• 7								12.6	6.1
NW	2.1	4.1	4.2	.7	.0							11.1	6.3
NNW	.4	. 9	• 7	-1								2.0	5.9
VARSL								<u> </u>			L		
CALM	><	><	><	><		><	$\geq \leq$	$\geq <$	$\geq <$	><	><	15.5	
	19.7	32.9	26.5	4.8	.6	. 2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2840

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

y 3 %

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONI	HAN AFB ANIZONALT	<u> </u>	. 48-75 YEARS	JUL
			ALL WINTHER		0000-0200 HOURS (L.S.T.)
			CONDITION		
			, <u></u>		
_					

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	ı	• 2	7									.4	5,0
NNE		• 2	.0	- 1								.4	5.
NE	3	.4		•1	.1							1.0	6.
ENS	. 3	.4	, 3	. 2	•0	0						1.4	7.
E	.1	1.9	1.4	.3								4.4	6.
ESE	1.9	3.5	2.4	1.2	. 3	1						9.4	7.
SE	3.9	7.8	4.9	1.9	. 5	• 1			Γ			19.1	6.
SSE	4.3	5.8	3.2	•7	.2	.0						14.3	5.
S	5.4	7.4	3.9	.4	1							17.2	5.
SSW	1.5	1.6	1.6	- 5	.0							5.3	6.
sw	9	1.8	9	.3	1							4.0	5.
W5W	. 5	1.0	6	.0							•	2.1	5.
w	. 6	1.0	-4	-1							i	2.2	5.
WNW	1	4	- 2	.0								.7	6.
NW	. 3	.5	. 4	.1								1.3	6.
WNN	.1	.2	. 1									•5	4.
VARBL													
CALM			><			><		><			$\supset <$	16.4	
	21.4	34.2	20.5	6.0	1.3	2						100.0	5.

TOTAL NUMBER OF OBSERVATIONS 2982

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAN AFB ALIZONA (TUCSON)	41-45,48-75 YEARS	JIIL.
	ALL WF		()300-0500 HOURS (L.S.T.)
	СОМО	TYON	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	- 2	. 1									• 4	5.7
NNE	1	1		•0								• 3	4.6
NE	- 2	2	. 1	•0								. 5	5.0
ENE	. 3	. 5	. 1	. 1								1.0	5.0
E	1.4	2.3	لما	- 2								5.1	5.3
ESE	2.1	4.2	2.8	2	ΔÚ	-0						10.0	_6.1
SE	5.6	11.7	5.6	1.1	•0							24.2	5.5
SSE	5.2	9.3	3.5	. 4	. 1							18.6	5.0
S	4.8	6.9	3.5	. 1		.0						15.4	5.0
ssw	ä	1.5	1.1	.2	- 0							3.6	5.8
SW	-6	1.0	.4									1.9	4.8
wsw	. 3	.2	• 1									•6	4.4
w	.4	. 3										7	3.2
WNW	i		1									.3	5.8
NW	. 1	. 2	- 2	41								4.5	6.5
NNW		1		- 0								1	
VARBL													<u>8,3</u>
CALM		\mathbb{X}	\mathbb{X}	\times	$\geq \leq$	$\geq \leq$	\geq	>>	> <	>>	>>	16.9	
	22.1	38.9	1:.7	301	2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 2977

USAFETAC $\frac{\text{FORM}}{\text{FR 64}}$ 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSCLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AFB ARIZONALTUCSON)	41-45, 48-75	JI 5 L
		ATHER	0600-0800 HOURS (L.S.T.)
	(0)	IDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	/8 - 55	≥56	%	MEAN WIND SPEED
N	.2	•1	.0	•0								.3	5.2
NNE	- 1	•1										• 2	3.6
NE	. 3	• 1										•5	3.0
ENE	. 3	. 4	-1	•1	.0							.9	6.0
E	1.1	1.9	1.2	• 1								4.3	5.3
ESE	1.4	2.8	2.3	.1								7.2	6.3
SE	4.4	9.4	6.4	1.4	1				<u> </u>			21.7	6.0
SSE	4.1	9.5	4.2	4_				L				18.2	5.2
S	5.5	7.9	4.0	./3	<u></u>							18.0	5.1
ssw	1.7	1.5	101	. 2		0			L	<u> </u>		4.5	5,2
wz	1.0	1.0	.6		<u> </u>							2.8	5.1
WSW	.6	. 4								<u>}</u>		1.1	3.8
w	8	- 4	2_	<u> </u>								1.4	3.6
WNW		2		.0									4.5
NW	3	3_								<u> </u>		.7	4.3
NNW	. 2		.0	.0	<u></u>	L						.4	4.4
VARBL			<u> </u>		<u> </u>					<u> </u>			
CALM	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$				17.3	
	22.2	36.1	24.4	3.8	. 2	.0						100.0	4.5

TOYAL NUMBER OF OSSERVATIONS 2979

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 1 () 9 STATION	DAVIS MUNIHAN AFB ARIZONA (TUCSON)	41-45,48-75	JUL
	ALL WEAT	HER	0900-1100 HOURS (L.S.T.)
	Сохрітю		
			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.5	6									3.8	4.7
NNE	5	. 5	.1	•0						l		1.2	4.
NE	. 8	1.0	.0									1.8	3.
ENE	- 4	. 5	. 2		. 1							1.1	5.
E	1.6	1.6	. 7	2	•0		1				i	4.3	5.
ESE	ģ	1.1	1.2	4	40							3.7	6.
SE	1.5	2.2	2.0	9	.2							6.9	6.
SSE	1.3	2.3	1.3	. 2								5.5	5.
5	3.1	3.0	1.7	.2								8.1	4.
SSW	1.1	1.4	9	1	.0			i			l	3.5	5.
sw	2.0	1.9	. 7	.2								4.8	4.
WSW	1.5	1.8	6							 		4.0	4.
w	2.5	3.7	1.4	- 2					· · · · · ·	 		7.9	4.
WNW	1.3	2.8	1.6	. 1		· · · · ·				 		5.8	5.
NW	2.0	9.2	2.3	- 4	.0	 						9.0	5.
NNW	1.7	2.2	1.3						 -			5.4	5.
VARBL		- 444		• •	·	 -		 	 		 	7.9	
CALM	\geq	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	\geq	\supset	$\geq <$	$\geq \leq$		\geq	23.1	
	24.5	31.9	16.7	3.3	4							100.0	4.

TOTAL NUMBER OF OBSERVATIONS 2974

USAFE (AC RH AZ 0-8-5 (OL A) PREVIOUS EDITIONS OF 17HS FORM ARE/OBSOLET

> SW WSW W

NNW

VARBL

CALM

.6

3.6

₹ 3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MUNIHAM AFB ARIZONA (TUCSON) 41-45.48-75

				ALL WF	ATHER							-1400
				•							AVUR	. (4.5.1.7
				cox	DITION							
												
1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAI WINE SPEE
1.7	2.8	2.2	•1	.1							6.9	5.
.9	1.1		• 2	.0							2.6	5.
. 0	. 8	. 4	•1								2.0	5
.5	.7	. 4	•0								1.6	5.
	1.0	. 9	• 1	.1							2.7	Ó
3	.7	.6	.4	.0							2.1	7
	1.1	1.1	•.5	1							3.5	7.
	.7	. 4	.1								1.7	5
.7	1.5	1.4	.3	.0							4.0	6
	.9								7			6.
	1.7 .9 .0 .5 .0	1.7 2.8 .9 1.1 .6 .8 .5 .7 .6 1.0 .3 .7 .0 1.1	1.7 2.8 2.2 .9 1.1 .4 .0 .8 .4 .5 .7 .4 .0 1.0 .9 .3 .7 .6 .9 1.1 1.1	1.3 4.6 7.10 11.16 1.7 2.8 2.2 .1 .9 1.1 .4 .2 .0 .8 .4 .1 .5 .7 .4 .0 .0 1.0 .9 .1 .3 .7 .6 .4 .0 1.1 1.1 .5 .5 .7 .4 .1	1-3 4-6 7-10 11-16 17-21 1-7 2-8 2-2 -1 -1 -9 1-1 -4 -2 -0 -0 -8 -4 -1 -0 -5 -7 -4 -0 -0 1-0 -9 -1 -1 -3 -7 -6 -4 -0 -0 1-1 1-1 -5 -1 -5 -7 -4 -1	1.7 2.8 2.2 .1 .19 1.1 .4 .2 .00	CLASS COMDITION 1 - 3	CLASS CONDITION 1 - 3	CIASS CONDITION 1-3	COMPITION 1-3	CONDITION 1.3 4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 ≥56 1.7 2.8 7.2 1 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 .0 1 1 2 2 2 .0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CONDITION 1.3 4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 ≥56 % 1.7 2.8 7.2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

TOTAL NUMBER OF OBSERVATIONS 2963

19.4

10.8

8.5

100.0

8.0

USAFETAC TORM 0 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

2.4

DATA PRUCESSING BRANCH SURFACE WINDS ETAC/USAF 3 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) DAVIS MUNIHAN AFR ARIZONA (TUCSON) 41-45,48-75 MEAN WIND SPEED SPÉED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 48 - 55 41 - 47 ≥56 6.3 7.5 HHE 2.0 . NE 1.8 8.7 •4. 2.1 e.sise? ıВ. <u>. B</u> 1.8 3.8 .9 3.6 1.0 `..¥₩\$ iñã 8 - 4 11.9 WNW 9.8 3.9 12.8 NW 10.0 10.9 7.0 23.0 . 0 10.6 3.8 100.0 8.7 TOTAL NUMBER OF OBSERVATIONS 0

USAFETAC FORM O 8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

€ 3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 TATION	DAVIS MONINAN AFB ARIZONA (TUCSON)	41-45,48-75	JUL
		ATHER	1800-2000 HOURS (L.S.T.)
	соні	DIT:ON	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	. 8	1.3	• 5	•1	.0	•0					3.1	8.4
NNE	. 3	. 5	_ •4	2	.1							1.6	7.4
NE	. 2	.6	. 5	. 3	1	1			L		l	1.9	9.6
ENE	. 2	• 5	.7	.7	• 2	. 2	•0	•0				2.5	11.4
E	.6	. 8	1.5	5	.3	. 2	.0					3.9	9.4
ESE	. 4	• 9	. 8	. 8	. 3							3.4	9.6
SE	. 7	1.3	2.2	1.2	. 3	. 2	.0					6.0	9.2
SSE	5	1.0	1.4	7	1							3.7	7.8
5	. 8	2.2	. 2.8	1.4	. 2	•0						7.5	8.1
SSW	ر و	1.2	1.3	• 9	1		•					4.1	8.2
SW	. 8	1.5	2.0	.7	. 3		0					5.3	8.1
WSW	. 6	1.3	2.0	. 8	•0							4.8	7.6
W	.7	2.6	4.0	1.8	. 3	. 0	•					9.5	8.3
WNW	. 6	2.7	3.9	2.4	. 2							9.8	8.6
NW	1.2	4.2	9.2	6.1	. 3							21.0	9.1
NNW	2	1.4	3.0	1.7	. 2	.0	<u></u>			l		6.6	9.0
VARBL													
CALM	><	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.5	
	8.7	23.4	37.1	20.9	3.2	1.0	. 2	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2961

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MINIHAN AFR AGIZMMA (TUCSON)	41-45, 48-75	JUL
		ATHER	2100-2300 HOURS (L.S.T.)
	сом	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 • 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 3	. 4										. 9	4.5
NNE		1	. 3	•1								.7	6.8
NE	ا د م	- 5	. 4									1.3	5.9
ENE	. 4	. 4	. 7	.5	1							2.2	8.6
τ		1.9	1.7	5	. 4	1						5.2	8.0
ESE	. 6	1.5	2.5	.9	. 4	. 2						6.1	8.9
SE	1.7	3.8	3.2	2.1	.4	1						11.3	7.8
SSE	1.6	3.4	2.5	. 9	2	٥٠						8.6	6.7
<u> </u>	2.4	4.8	5.0	1.5	. 2							12.9	6.8
ssw	1.3	1.9	1.1	.6	1							5.1	6.3
sw	1.2	1.8	1.6	5_	- 1		L	L				5.2	5.5
WSW _	1.6	2.2	101	4	- 0							5.3	5.3
w	1.8	2.7	2.2	_ 3	1							7.2	5.9
WNW	1.6	2.3	1.5	2								5.6	5.6
NW	1.7	2.5	2.1	. 4	-0	-0	<u> </u>					6.7	6.0
NNW	5_	. 7	. 3	1								1.6	5.2
VARSL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.1	
	17.7	31.0	25.3	9.1	2.1	15						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3056

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MONIHAN AFR ARIZONA (TUCSON) 41-45,48-75

	_			<u>.</u>	ALL WE	ATHER	····					OOOO	- (L
					CON	MOITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	, \ \ \ \ \ \ \
N	. 1	. 3	. 1	.1	.0		•					•6	
NNE	• 1	.1	. 1	•0								•3	
NE	5	. 3	. 2	. 2	.0							1.2	\Box
ENE	.4	. 4	. 5	. 1	.1							1.4	
E	1.4	2.5	1.2	. 5	.0							5.6	
ESE	1.9	3.5	2.3	.5	1							8.3	
\$E	6.2	9.6	4.7	.7	. 2	. 0						21.4	
SSE	5.6	8.0	2.5	3	.0							16.3	
S	5.2	7.7	3.3	3	0							16.5	
SSW	1.3	1.4	. 9	.2	0							3.8	
SW	1.0	1.5	. 9	.0								3.4	
WSW	- 8	3_	. 2									1.3	
W	-5	7	5_	1					<u> </u>			1.6	
WNW							0_		<u> </u>	<u> </u>		-4	_
NW	2			0					<u> </u>		<u> </u>		
NNW	2	3							<u></u>			5	_
VARBL									ļ				<u> </u>
CALM	>								ı 🔨	/ _		16.9	1

(3 DATA PRUCESSING BRANCH SURFACE WINDS ETAC/USAF PERCENTAGE FREQUENCY OF WIND AÎR WEATHER SERVICE/MAC DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) DAVIS MONIHAN AFB ARIZONA(TUCSON) 41-45,48-75 0300-0500 HOURS (L.S.T.) SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 N 5.2 •6 •0 <u>•</u>3 4.6 .0 .0 8.0 NE • 0 • 5 ENE 5.1 4.8 5.3 1.4 ESE 9.9 5.6 4.3 2.3 ٠Ġ 25.1 SE 13.3 •0 4.9 • 6 SSE 20.2 4.8 10.2 \$ 4.7 6.3 2.7 13.8 ssw 2.3 .6 SW WSW 4.0 w WNW NW 5.6 NNW 4.2 VARBL 17.6

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

44.

TOTAL NUMBER OF OBSERVATIO'IS

3055

₹ 3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAN AFR ARIZONA (TUCSON)	41-45,48-75 YEARS	AUG				
	ALL MEATHER						
	СОМЕ	ITION					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2	1	. 1										4.2
NNE	- 1	. 0	• 0	.0								.2	5.7
NE		. 2										.4	4.1
ENE	3	. 3	. 3	.1						L		. 9	5.7
Ē	1.0	2.4	1.1	. 2								4.7	5.5
ESE	2.1	3.7	2.7	. 5				<u> </u>				8.9	5.7
SE	5.7	11.9	5.1	5	.0							23.2	5.2
SSE	4.8	11.4	3.4	3								19.8	5.0
5	5.2	7.7	2.7	- 41								15.6	4.6
ssw	. 3	_1.1	. 4	1	.0			L				2.5	5.4
\$W_		لمنا	. 5	م								2.3	4.9
WSW	4	3	. 0									• 7	3.7
W	-4	. 5	1									1.0	4.4
WWW	Ž	_	.0									.3	3.3
NW	- 3	. 2										- 6	4.3
NNW	. 2	2										.4	3.6
VARBL				L	<u> </u>								
CALM	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	$\geq \leq$	$\geq \leq$	><	18.1	
	22.4	2ماك	15.6	1.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3063

DATA PRUCESSING BRANCH SURFACE WINDS Š ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) DAVIS MONIHAM AFR ARIZONA (TUCSON) 41-45,48-75 0900-1100 WEATHER 0 () 0 SPEED (KNTS) MEAN WIND 7 - 10 11 - 16 17 - 21 28 - 33 1 - 3 22 - 27 34 - 40 41 - 47 ≥56 SPEED 0 N 3,7 NNE .0 .8 3.0 NE G 1.7 4.5 .8 ENE 1.7 3.9 . 1.8 1.0 4.6 ESE 0 •6 1.4 SE, 8.9 2.1 SSE 6.2 2.Ŏ , \$ Ø 3.3 1.0 SSW <u> 1.8</u> 1.3 4.0 .8 لم SW 1.0 WSW 0 ļı .4 •1 W **3.0** 6.1 ٦. WNW 1.0 2.0 3.8 NW \bigcirc جَمة 5.8 4.7 2.0 لما .1

USAFETAC $_{
m JUL~64}^{
m FORM}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3.2

27.9

100.0

3062

TOTAL NUMBER OF OBSERVATIONS

NNW

YARBL

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(3)

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

231(19 STATION	DAVIS MUNIHAN AFB ARIZONALTUCSON)	41-45,48-75 YEARS	AUG MONTH
	ALL WE	ÀTHER	1200-1400 HOURS (L.S.T.)
	сок	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.8	3.3	1.8	• 2								7.0	5.2
NNE	1	.9	. 3									1.9	4.6
NE	ó	1.1	.4	•0								2.2	5.1
ENE	ځ	.6		• 1						<u> </u>		1.7	5.7
E	- 6	1.4	. 59	. 4								3.3	6.4
ESE	. 6	1.0	1.0	.4	.0							3.0	6.8
SE	.7	1.3	1.3	- 5	.0		0	L				3.8	7.0
SSE	4	, 9	. 6	1								2.0	5.9
5	1.0	1.8	1.1	. 3								4.1	5.8
ssw	a	1.2	1.0	-4								3.4	6.4
SW	1.0	2.2	1.6	6	-1				ļ	<u></u>	<u> </u>	5.5	6.6
WSW	1.0	2.2	1.4	3_						<u> </u>		4.9	5.9
w	2.5	6.1	عوق ا	.7	,1	-0-						13.0	6.0
WWW	1.4	4.0	3.2	6	.0							9.2	6.4
NW	2.3	19.1	6.2	1-1-1	.0							14.7	6.7
NNW	1.3	<u> - ۲</u>	2.4	- 4	0				<u> </u>	<u> </u>		7.8	6.0
VARSL							ų		Ļ		<u></u> ,		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.4	
	17.1	36.7	27.3	6.0	.3		o C					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3062

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

	_				COX	DITION						
		····										
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	.9	1.9	1.7	.7								5.
NNE	. 2	6	. 8									1.0
NE		. 6	7	.3			<u> </u>	<u> </u>			<u></u>	2.
ENE	.4	. 6	5	.4	0							1.
E	. 5	. 8	1.1	6	.2							3.
ESE	و،	. 4	• 9	.5	-1	.0.						2.
SE	.5	1.1	1.0	-6	1							3.
SSE	• 2	.6	6	.3	2							1.
5	•7	1.2	1.8	.5	- 2	.0	.0					4.
ssw	.5	i.l	1.6	.5	-1	.0						3.
sw	.7	1.7	3.0	.9	.1			.0				6.
W\$W_	3	2.1	2.5	. 8								5.
W	1.4	4.1	5.9	1.7	3	•0	.0					13.
WNW	1.1	2.4	5.2	1.7	.1							10.
NW	1.5	4.0	9.2	4.5	.4							19.
NNW	. 8	2.4	4.2	1.6								8.
VARBL		i		7								
				~			~ -	~		\sim		71

TOTAL NUMBER OF OBSERVATIONS 3053

المورد المورد المورد المورد المورد المورد المورد المورد المورد المورد المورد المورد المورد المورد المورد المورد															
₹ 3 €	DATA PRU ETAC/USA AIR WÉAT	F			P	DIF	RECTION	AND SI	OF WIN PEED /ATIONS			SUR	FACE	WIN	1DS
(23109 STATION	DVAT	г момін	AN AFB	APIZO	NVITÚC	SON)	<u> 41-</u>	45.48-	75	EARS			<u>\</u>	UG
C			_				ALL WE	ATHER						1800-	-2000
O			<u>-</u> -				CON	DITION							
4		SPEED										1			MEAN
ŧ		(KNTS) DIR.	1 · 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
Œ.		N NNE NE	-4 -4	1.0 .4	-8 -2		.0	0	•0					2.4 1.3 2.2	6.3 6.3 7.4
		ENE E	-4	.7	6]_4	.5 .4	1 2							2.4 3.6	8.2 7.7
•		SE SSE		1.0 1.7	2.2	.3 .6	1 1	0						2.7 5.5 4.3	7.6 7.5 7.2
0		S SSW	1.5	2.4 1.9	2.7 1.3	. 9 . 6	3	-0						7.9 4.8	7.2
0		SW WSW W		1.8 1.7 3.5	2.4 1.6 4.2	<u>,5</u> ,3_	1		0					5.9 4.3 10.0	7.6 6.6 6.7
0		WNW NW NNW	1.1 1.9	2.5 5.4	3.0	3.2	- 1							8.6 19.1	7.4 7.8
O		VARBL CALM	-1	2.2	2.3		-1							5.9 9.2	7.2
*.'			12.3	30.1	35.1	10.8	1.9							00.0	6.7

USAFETAC $\frac{\text{FORM}}{\text{AUL 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

3065

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAM AFB ARIZONALTUCSON)	41-45,48-75 YEARS	AUG			
	ALL WEATHER CHASS					
	COND	17:0H				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	.3	.4	. 3									1.0	5.1
NNE	. 3	•2	.1	•0								•6	4.5
NE	-5	.3	. 4		.0	.0						1.3	6.9
ENE	.3	.5	. 5	. 7	.3							2.2	9.8
E	.9	2.2	2.0	. 8	.2							6.1	7.4
ESE	1.0	2.2	2.1	.9	.3	. 2						6.7	7.7
SE	2.6	4.4	3.1	1.3	. 2	1						11.7	6.6
SSE	2.7	4.5	2.1	.3	.0							9.6	5.2
\$	4.0	5.5	2.9	6								13.1	5.4
ssw	1.4	1.9	1.3	. 3	0	0						5.0	5.7
sw	1.6	1.9	1.0	3	0							4.8	5,4
WsW	1.3	1.4	5	1				l				3.3	4.6
w	2.0	Źal	1.3	. 2		0		L				5.6	5.1
WNW	1.2	1.9	8	.3								4.2	5.2
NW	lal	1.6	1.3									4.1	5.6
NNW		. 4	2					L				•9	5.1
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	19.9	
	21.6	31.2	20.0	5.8	1.1	4						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 3057

ISAFETAC $\frac{\text{FORM}}{\text{AU, 64}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

A. ...

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVIS MONIHAN AFB ARIZONA(IUCSON) 41-45,48-75

STATION

ALL WEATHER

OOU-0200

CLASS

NOUNCE (LIST.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 2	.2	• 1									.6	4.3
NNE	.0	.0										.1	3.5
NE	1	2		1								• 5	5.7
ENE	.4	. 2	. 4	•1				<u> </u>				1.2	6.1
E	1.2	2.8	1.7	. 5						<u> </u>		6.2	6.2
ESE	1.9	5.8	3.0	1.4	2_			<u> </u>		<u> </u>		12.2	6.6
SE	6.8	14.4	5.8	1.2	2	0_		<u> </u>		ļ		28.4	5,5
\$\$E	4.7	8.3	2.4		0	0_		ļ		ļ		15.5	4.7
<u> </u>	4.3	2.4	2.7	2	0					ļ <u> </u>		12.6	4.9
SSW		1.3	-4									2.7	4,9
sw	. 8	7_	- 4					 				2.0	5.1
wsw	3	4						ļ		ļ		-8	4.0
w	2	2_						<u> </u>		ļ		- 5	5.0
WNW								 		ļ		-4	5.8
NW	ļ <u>Ļ</u>	3		0				 		 		6_	5.2
NNW	-0												4.0
VARBL	-											45.4	
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		15.6	
	22.2	40.4	17.3	3.8	5	1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2940

DATA PROCESSING BRANCH SURFACE WINDS 3 ETÁC/USÁF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND 0 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 0 DAVIS MONTHAN AFB ARTICONA(TUCSON) 41-45,48-75 O0 0 SPEED (KNTS) DIR. MEAN WIND SPEED 7 - 10 17 - 21 ≥.56 N ٥, 7.2 a D NNE ENE <u>.6</u> 6.1 .3 E .0 1 .S SE 5.6 18.1 11.4 SSE 5.0 4.0 9.4 16.6 3.0 5.0 3.0 9.5 SSW sw 5 WSW G -1 .2 w 0 5.8 WNW 0 o Ω NW 3.5 NNW VARBL 13.6 0 TOTAL NUMBER OF OBSERVATIONS 2949 0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFR ARIZONA (TUCSON)	41-45,48-75	SEP
	ALL %C	ATHER ASS	0600-0800 HOVES (LS.T.)
	con	Negtio	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	A8 - 55	≥56	%	MEAN WIND SPEED
ĸ	.2	.0	.0									• 3	3.8
NNE	. 1	•1	•1									•3	5.9
NE	1	3		•0								.5	5.0
"NE	.2	. 3	. 3	• 1								_ •9	6.0
E	1.3	2.9	1.7	.9	-1							6.9	6.5
ESE	leo	5.2	3.6	1.1	. 5	0.		<u> </u>				12.0	6.9
SE	5.8	15.3	7.9	1.2	. 2			l				30.4	5.7
SSE	4.0	10.4	4.1	.3					<u> </u>			19.7	5.4
5	3.8	5.9					L					11.9	4.8
ssw	ڙها	. 8	.4						<u> </u>			1.8	5.1
sw	6		4	1			<u> </u>	<u> </u>				2.0	5.4
WSW	<u>. 2</u>	3_	0	.0								5	4.3
w	3		0	٥٠								.5	4.3
WNW	2	1	İ									3_	3.3
NW	1						<u> </u>					2	5.3
NNW	1	.0			0_	<u> </u>	<u> </u>	<u></u>		L			7.3
VARBL							L	<u> </u>			L		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.7	
	19.0	42.8	21.7	4.0	. 8	0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2948

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

					CON	MOLTIQ						
										•		
	_											
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	. 7	-6	- 2									1.5
NNE	5	. 2										.7
NE	5	. 8										1.6
ENE	- 8	. 8	.7	. 3	.0							2.8
E	1.0	1.7	1.2	. 8	5							6.0
ESE	1.5	2.0	2.3	2.6	1.0				L			9.8
SE	2.3	4.0	3.9	2.5	8	1						13.6
SSE	2.2	2.9	1.7	6	1							7.5
\$	3.0	4.5	2.2	- 6	.0							11.1
SSW	1.4	1.7	1.0	3	1							4.6
SW	1.2	1.5	_iai	- 1	.0							4.0
wsw	1.1	9	- 1	- 1								2.2
w	1.4	1.8	.7	. 2								4.1
WNW	1.1	1.0	6	.0								2.7
NW	Ģ	1.1	5	1								2.6
NNW	1.0	. 7	. 2	. 0								1.9
YARSL												ll .
CALM			> <	> <	$\supset \subset$	> <	> <				\searrow	23.4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 BOITATE	DVAIZ WONTHAM	AFB ARIZO	NA (TUESON)	41-45.48	-75		 SEP
	***************************************		ALL WE	ATHER ASS			1200-1400 HOURS (L.S.T.)
			сон	DITION			
_							

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.7	2.0	.7	.1	.0							4.5	4.7
NNE	.6	• 9	• 3	• 1								1 . 8	5.0
NE	. 6	. 8	• 1	• 2								2.3	5,9
ENE	ر و	•6	1.1	رد_	.0			L				2.6	7.2
E	1.1	1.5	1.6	1.7	1	0						5 5	7.6
ESE	.6	1.0	1.7	ع و ا	5	.2						5,0	10.5
SE	- 4	1.7	2.6	1.4	3				ļ			6.9	8.3
SSE	, i	• 9	1.1	.2	-1							2.9	6.7
S	Lel	1.9	1.4	.5	2							5.1	6,9
SSW	. 8	1.4	1.6	. 8								4.6	7.5
sw	.9	2.2	2.1	. 9	. 2	.0						6.3	7.4
WSW	1.0	2.0	1.8	5_		C				<u> </u>		5.5	6.7
w	1.6	4.0	3.9	. 6					<u></u>	1		10.1	6.5
WNW	1.2	2.4	3.2	.5					L			7.5	6.8
NW	1.1	3.7	3.7	1.1	٤							10.0	7.0
NNW	_1.1	3.4	1.7	.3	.0							6.5	5,9
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq <$	$\triangleright <$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.2	
			23.8	10.7	2.1	4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2950

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVI	z novin	AN AFR	ARIZO	NVÍTNC	SON)	41-	45,48-	75	EARS			لد	e p
VIII.VII		• • • • • • • • • • • • • • • • • • • •											-1700
					ALL ME	ASS						HOURS	(L.S.T.)
					CON	DITION							
	_												
	1	· · · · · · · · · · · · · · · · · · ·											
SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
DIR.	1												SPEED
N	1.1	2.1	2.0	.6								5.9	6.7
NNE	3	1.0	"5	. 3	0							2.2	7.0
NE	4	1.3	1.0			0						3.3	7.4
ENE	5	. 6	. 8	. 9		-0						2.9	8.8
E	. 3	1.0	1.7	1.2		.0						4.3	9.0
ESE	- 4	.6	1.3	1.3	3							3.9	9.9
\$E	6	1.2	1.0	1.3	2				L			4.9	8.8
SSE	.2	5.	. 0	. 4	0	•0						2.1	7.8
3	.5	1.2	1.1	.6	• 2							3.6	7.9
ssw	4	8_	1.1	.7	1							3,3	8.4
sw		1.6	3.0	1.7	.3	-0						7.1	9.1
wsw	- 6	1.6	3.1	1.2	. 2							6.8	8.1
w	1.7	3.7	4.5	1.3								11.3	7.2
WNW	7	2.4	3.8	1.6	2							8.8	8.2
NW	1.4	4.3	6.8	3.4	- 4	,						16.2	8.3
NNW	В	2.3	3.8	. 8	- 2	• 0			i			7.9	7.5
VARBL	1							1		1			
CALM	$\supset <$	> <	$>\!\!<$	> <	> <	> <	> <	\supset	$\supset <$	> <		5.7	
	10.4	26.4	30.6	18.2	2.5	. 2						100.0	7.6

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNTHAN AFR ARIZMALTUCSON)	41-45,48-75 YEARS	SE6
	ALL WE	ATHER	1800-2000 HOURS (L.S.T.)
	сон	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 8.	3.	8	• 2								2.6	5.6
NNE	• 1	,4	٤.		.0			<u> </u>				• 9	6.2
NE	. 6	.6	4	. 3								2.0	6.5
ENE	. 3	1.2	1.8	• 6		.0		<u> </u>				4.1	8.1
ŧ	.9	2.2	2.4			0					<u> </u>	6.4	7.2
ESE	4	1.1	1.6	. 9		0						4.2	8.4
SE	- 7	1.5	1.6	1.1	.2						<u> </u>	5.2	8.1
SSE	. 8	.7		2_	0	.0				ļ		2.2	6.1
<u>. s</u>	ال ف	1.5	1.6	. 5		٥٠					<u> </u>	4.4	7.3
SSW		1.4	1.0	5_	0_			<u> </u>				3.7	6.6
sw	.9	2.0	2.5	5				<u> </u>	ļ	<u> </u>	<u></u>	5.3	6.8
WSW	_1.1	1.9	1.5	. 3	0_					<u> </u>	<u> </u>	4.8	5.8
W	2.2	3.5	3.0								<u> </u>	9.2	6.0
WNW	1.7	2.8	3.2	_1.1				<u> </u>			<u> </u>	8.8	6.6
NW	2.6	7.8	7.5	1.4		 						19.5	6.7
NNW	للعلب	2.1	1.2	2		0		ļ				5.2	6.2
VARBL			Ļ.,							Ĺ	<u></u>	<u> </u>	ļ
CALM	$\geq \leq$	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	1,0.8	
	15.8	31.5	31.3	9.2	1.1	3						100.0	6.1

TOTAL NUMBER OF ORSERVATIONS 2949

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFB ARIZONA (TUCSON)	41-45,48-75 YEARS	SEP
		ATHER	2100-2300 HOURE (L.S.T.)
	сомр	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 3	1	.2	•0								.6	4.8
NNE	. 2	i	1	•1								•5	5.2
NE	3	. 6	. 2	a l	O							1.3	5.9
ENE	4	1.2	.9	. 3	. 1	.0						2.9	7.2
E	1.3	2.5	2.6	. 8			<u> </u>		ļ			7.3	6.6
ESE	1.3	2.4	2.1	1.5	.2			<u> </u>		1	<u> </u>	7.9	7.3
SE	3.4	5.7	3.4	- 8	3_	. 1						13.5	6.1
SSE	2.4	3.6	1.5	. 2	.0				· · · · · · · · · · · · · · · · · · ·	·		7.8	4.9
5	4.7	5.7	1.5	. 4			l					12.4	4.6
SSW	1.5	2.8	1.2	.2	•0	-0			1			5.7	5.5
sw	1.8	1.6	1.0	0				<u> </u>				4.4	4.7
WSW	1.5	1.5	-4			-0						3.1	4.5
w	1.7	2.3	1.2	.2		***			-	 		5.3	5.1
WNW	ý	1.1	.8	1						 		2.9	5.2
NW	1 - Î	1.5	8	- 3	0					1		3.7	5.8
NNW	- 7	. 5	•1			 				 		1.3	3.8
VARSL				 			 	 	 	 -		1.03	
CALM	\geq	>>	\geq	$\geq \leq$	\geq	\geq		>	\geq	\geq	> <	19.3	
	23.3	33.3	10.2	5.0	7	,						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2951

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONII	HAN AFB	ARIZONA MARK	(TUCSON)	41=	45,48-7	75 YEA	Rg			C T
	-			ALL N	CLASS				-	0000	-0200 (LS.T.)
	-		· · · · · · · · · · · · · · · · · · ·		CONDITION				-		
	-					·			-		
Г		T								 	

SPEED (KHITS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		. 1										• 3	3.3
NNE	•0	. 0	.0		.0							•1	8.3
NE		3	-1	al								.7	5.6
ENE	.5	. 3	.3	0				l				1.1	5.1
E	1.4	2.8	1.9	. 4				l				6.5	6.0
ESE	2.1	6.3	2.7	. 8	2	1						12.1	6.1
SE	7.7	16.7	5.5	1.3	1							31.3	5.3
SSE	5.0	8.2	2.2		.0			<u> </u>				15.6	4.8
\$	3.4	4.3	2.0	.3	0						<u> </u>	10.1	5.0
SSW	.9	1.4	8	1		<u></u>	<u></u>			<u> </u>		3.2	5.4
sw		7	- 5									1.8	5.9
WSW	. 3	. 2					<u> </u>	<u> </u>		<u> </u>	l	-7	4.9
w	.3	. 4	ــــــــــــــــــــــــــــــــــــــ					<u> </u>				1.0	5.0
WNW	- 2			0								4	5.4
NW	2	1		- 2	0							.6	8.8
NNW		i										2	3.7
VARBL		1			İ								
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	14.2	
	22.9	42.1	16.7	3.6	4	1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

> WSW WNW NW NNW VARBL

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVIS MUNIHAN AFB ARIZONALTUCSON) 41-45,48-75

-									,			-	
	_				ALL WE								-0500
					c	LASS						HOUR	\$ (L.\$.T.)
						E)TION				<u>. </u>			
					-								
	-												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.1	.0		.0								• 2	4.5
NNE		.0										.0	4.0
NE	.2	.1	2.0	•0	İ							.4	4,6
ENS	. 3	. 4	- 4	.2								1.2	6.5
E	1.5	2.3	2.2	.7	.0							6.7	6.4
ESE	2.5	6.1	3.7	.9	- 2							13.4	6.2
SE	7.3		8.1	1.5	.0							34.1	5.6
466						1		1	1				

100.0 5.0

3043

TOTAL NUMBER OF OBSERVATIONS

(P)

Ċ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AFB AKIZONA (TUCSON)	41-45, 43-75	NONTH (1)CT
	ALLWE	ATHER	0500-0800 HOURS (L.S.T.)
			(
	сомо	KOITIC	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 2		1	•0								.3	5.0
NNE		-1	.0									•2	4.2
NE	. 2	.2	1									.4	4.8
ENE		. 3	.6	• 1								1.1	7.1
8	1.2	2.6	2.5	- 4	.0	. 0						6.8	6.3
ESE	1.8	5.2	3.5	1.1	3			<u> </u>				11.9	6.7
SE	5.4	13.3	8.7	1.3	الم							28.8	5.9
SSE	3.7	11.6	5.8	- 5			L					21.7	5.7
\$	2.6	4.8	3.1	5	.0							11.0	5.7
ssw	4	7_	. 9									2.0	6.3
sw	2	. 4	. 3	. 0						L		. 9	5.9
WSW		.2	- 1	•0		.0						. 3	7.8
w	3	.1	1	1								6	5.2
WNW	-3	- 2	1	-1								- 6	5.7
NW		- 2	3_					<u></u>	<u> </u>	<u> </u>		6	7.0
NNW	1	. 2	1				L		 	<u> </u>		.3	5.3
VARBL			L										
CALM	\times	\times	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	12.5	
	16.7	39.9	25.1	4.3	.5							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3050

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAN AFB ARIZONA (TUCSON)	41-45,48-75	OCT MONTH
		ATHER	0900-1100 HOURE (L.S.T.)
	сомв	ITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 9	.5	. 1									1.5	3.6
NNE		. 3		•0								.5	4.6
NE	.6	.7	. 2	.2	.0							1.7	5.4
ENE	.8	. 9	. 5	. 3	.0							2.5	6.1
E	1.4	2.0	1.9	.8	• 1	. 1	.0					6.4	7.0
ESE	1.5	2.2	2.3	2.7	.8	.3						9.8	9.4
SE	2.9	4.5	4.2	2.8	• 7_	.0						15.1	7.7
SSE	2.8	3.8	1.8	1.0	. 2							9.6	6.0
\$	4.0	4.8	2.6	. 3	. 2							12.3	5.5
ssw	1.4	1.3	1.2	• 7	•2	.0						4.8	6.8
sw	1.3	1.2	.7	· r	.1		.0					3.8	6.3
WSW	-4	. 4		•1	Ő	.1.						1.4	7.0
w	8.	.9	. 4	• 1								2.1	5,1
WNW	ۋ	. 8	. 4	. 2								1.9	5.6
NW	8	1.0	8	• 2								2.8	5.7
NNW	.5	.4	٥	• 0								1.0	3.9
VARBL													
CALM		><	> <	><	><	> <				><	$\geq <$	22.9	
	20.8	25.6	17.4	10.4	2.3	. 5	. 1					160.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3047

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF 3 AIR WEATHER SLRVICE/MAC PERCENTAGE FREQUENCY OF WIND C DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) () DAVIS MONTHAN AFR ARIZONA (TUCSON) 41-45,48-75 () ALL WEATHER 0 SPEED MEAN ≥56 N 4.7 5.0 NNE 5.2 1.4 •6 4.6 1.0 1.0 .0 ENE 2 2.2 6.8 .7 .7 . 4 • 2 E 5.0 7.8 <u>.9</u> 1.1 1.6 ESE 9. 10.3 ڏه 2.0 SE 9 7.5 9-1 1.4 2.7 2.3 .3 SSE 3.8 7.4 -7 -8 0 6 8 x 3 2 3 5 <u>ė</u>, antimote in the SSW .7 1.2 1.6 1.3 4 5.3 9.4 Company of the SW 5.9 9.8 .6 i . 3 2.0 . 5 WSW 5.0 7.4 .9 ī.B w 1.8 3.4 ۵۰ Ö. 6.6 WNW 6.6 6.7 -9 NW 6.2 . 5 9.3 1.8 NNW فمد 1.6 6.2 5.4 The state of the s YARBL 14.4 **0**:-TOTAL NUMBER OF OBSERVATIONS 3038 O

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COM	DITION							
SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	_
DIR.													
N	1.0	2.8	1.4	.6				<u> </u>				5.8	
NNE	. 6	. 4	. 5	• 1								1.5	
NE	.4	. 8	8.	1.0	.0			<u> </u>				3.0	
ENE	• 4	1.1	1.0	•4								2.9	
8	. 9	1.4	2.0	.7		-1						5.2	
ESE	. 3	.7	1.7	1.1		.0						3.9	
SE	. 4	1.2	1.4	. 8								3.8	
SSE	. 2	. 5	. 8	. 2	0	•0						1.7	
5	.6	. 8	.9	• 6	.2							2.9	
_ssw	- 1	. 3	.7	1.1	. 3	٥٥			<u> </u>			2.6	
sw	. 5	7	1.7	1.6	.4	.0						4.9	
WSW	.4	.9	2.1	1.4	ž	0						5.0	
w	.8	3.1	3.9	2.2	.1	-1			<u> </u>			10.1	
WNW	.6	2.8	4.5	1.9					<u> </u>			10.0	
NW	1.7	4.9	8.8	2.8	.2							18.5	
NNW	1.3	3.5	4.0	Lel								9.9	
VARBL													
CAUM	><	><		><	><	><		$\geq <$	><	><	><	8.3	
	10.0	25.8	36.2	17.4	2.0	. 3						100.0	

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TOTAL NUMBER OF OBSERVATIONS

3045

ALL WEATHER

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

1500-1700

DATA PROCESSING BRANCH 3 FIAC/USAF SURFACE WINDS AIP WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) DAVIS MONIHAN AFR ARIZONA (TUCSON) 41-45,48-75 WEATHER 1800~2000 HOURS (L.S.T.) 0 SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 29 - 33 34 - 40 N 2.6 4.6 .9 NNE .2 4.3 NE <u>. B</u>. 1.0 .3 2.3 7.2 ENE 1.8 7.0 ٩ 1.6 . 8 5.0 Ē . 3 2.8 9 6.9 ESE •4 1.2 Lal .4 3.2 7.1 SE 1.6 ٥٠ 4 6.3 SSE .7 Ω 5 .7 1.0 1.0 3.0 6.7 SSW 1.0 .7 . 3 6.0 SW Ř 1.6 . 5 WSW 1.4 .7 w 3.4 2.7 ۰0. +4 9.2 WNW 2.2 4.6 3.0 5 10.4 5.8 NW 3.8 .8 18.9 5.1 NNW -2 0 5.5 4.7 VARBE 0 CALM 18.2 0 TOTAL NUMBER OF OBSERVATIONS 3050

USAFETAC $\frac{\text{FORM}}{\text{AR}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FCRM ARE OBSOLETE

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252 6 34

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAM AFB ARIZONA (TUCSON)	41-45,48-75	<u>UCT</u>
	<u>Λ(, </u>	ATHER	2100-2300 HOURS (LS.T.)
	CON	DITION	_
			_
_			

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 2	0	.1									.4	4,6
NNE	1	1	0	0								•2	5.7
NE	. 2	.2	.0									• 5	5.7
ENE		. 9	1.0	-1								2.2	6.3
E	1.4	2.9	2.5	.5	•0							7.3	6.7
ESE	1.7	3.8	1.5	•9	0.							7,9	6.0
SE	4.3	7.9	2.5	7								15.5	5.2
SSE	4.6	6.5	1.2	-1		0						12.5	4.4
\$	5.3	6.2	2.4	• 2								14.1	4.7
ssw	1.4	2.4	1.0	. 3								5.0	5.2
sw	1.2	1.7	1.0	.0								3.9	5.0
WSW	. 9	1.2	.6	-1	41							2.5	5.5
W	1.3	1.3	.7	1								3.4	4.8
WNW		.9	. 8	0								2.3	5.5
NW	ο̈́	.9	. 5	•								2.1	5.8
NNW	ز و	. 3	-1									•6	4.1
VARBL									l				
CALM	$\geq \leq$	$>\!\!<$	$\geq \leq$	>>	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	19.2	
	24.2	37.1	15.9	3.1	.3	٥						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 3051

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVI	<u>яомін</u>	AN AFB	AR I / U	NA CT VC	Sont	_ 41-	45,48-	75	TEARS				[]V
		_				ALL WE	ATHER			·				-0200
СОЖОІТЮЯ														
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	31					1		T					7"	c 0

)		1		į.	ľ	1			1		11	1
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	.1	.2	.2						-			.5	5.9
NNE	• 1	•0										. 1	3.3
NE	. 2	. 3	0	0					l			6	4.8
ENE	• 1	.4	•1	•2	•1)			.8	8.3
E	1.1	3.0	1.5	.7	5.5	.0						6.4	6.6
ESE	2.5	7.1	2.7	1.0	.1	0						13.4	5.8
SE	6.4	17.5	7.9	1.1	.1							33.1	5.6
SSE	3.7	7.7	3.6	.6	.0							15.6	5.4
5	2.8	3.3	2.5	.4		0		Ī				9.1	5.4
SSW	Ž		6_		1		•		1			2.3	5.6
SW	• 3	.7	.5	.2								1.6	6.4
WSW	• 3	-3	•1	•1			1	!	 		· ·	.8	4.9
w	• 2	- 5	.2	0					i			.9	5.4
WNW	.2		.2		.0							.5	6.6
NW		2	.2	0	•0	1						.7	8.0
NNW	. 1	2.	.1	. 1						 		- 5	6;7
VARSL		_			l ——		 		T	 		1	
CALM	\geq	\geq	\geq	\geq	\geq	$\geq \leq$	\geq	\geq			$\geq \leq$	13.1	
	18.9	42.5	20.4	4.4	- 6	2						100.0	

TOTAL NUMBER OF OBSERVATIONS 2963

SURFACE WINDS

WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23169 STATION	DAVIS MONIHAN ALB ARIZONA (TUCSON)	41-45,49-75	HONTH
		ATHER	0300-0500 HOURS (L.S.T.)
	СОМ	OITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	24 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1	0	•0		.0							. 2	6.1
NNE		٥					L			<u> </u>		1	2.7
NE	.2	1		.0	c							- 3	5.8
ENE		ź	-4	. 3								1.1	7.8
E	1.3	2.3	1.8	•7	1							6.1	6.3
ESE	2.0	5.2	3.4	. 9	-1							11.6	6.2
SE	طور	17.7	10.2	1.6	. 3							35.4	5.0
SSE	3.1	8.0	5.5	.7								17.3	5.9
\$	2.1	3.1	3.3	- 6			.0					9.1	5.2
SSW	. 5	.6	.5	- 1	- 1	•0	.0					1.9	7.0
SW	. 4	.7	-4	.1	.0							1.7	5,8
WSW	1	. 3	-1	.1								.5	6.1
W	1	. 4	.1	-1	0							. 8	6.5
WNW	7	1	1	1								.6	6.4
NW	2	- 2										.7	6.4
NNW		- 1	,c			i						2	4.0
VARBL													
CALM				$\geq \leq$			$\geq \leq$	$\supset <$				12.2	
	16.4	39.2	26.0		. 7		1					100.0	5.3

10TAL NUMBER OF OBSERVATIONS 2958

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 DAVIS MONIHAN AFB ARIAMA(TUCSON) 41-45,48-75

	_				COMPLYION											
SPEED KNT '	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WINI SPEE			
N.	•0	• 2	. 1									• 3	5.			
NNE	• 1	•0	٠,٥									• 1	5.			
NE	3	1	• 1	•1		l						•6	6.			
ENE	•1	. 3	• 1	• 2	• 1							• 9	8.			
E	1.2	2.1	1.5	• 4	. 1	•0				<u> </u>		5.3	6.			
ESE	1.4	4.2	3.8	1.1	.2	•0		l				10.7	6.			
SE	5.1	13.5	10.9	2,3	• 2	-1						32.0	6.			
SSE	3.4	10.3	5.5	.8	•0				}	1		21.0	5.			
S	2.4	4.3	3.7	.4								10.9	5.			
SSW	.7	.6	. 3	• 3								1.9	5.			
sw	. 3	. 5	. 3		. 1			Ī				1.3	6.			
WSW	. 3	. 1	•0	•0								• 5	4.			
w	. 2	. 3		.1	.0			Ĭ		1		.6	6.			
WNW	1	1	-1									.3	4.			
ИW	• 2	• 2	. 3	•1	.0					1		. 8	7.			
NNW	. 1	. 1	•1	•1								• 3	6.			
VARBL							}									
CALM	\nearrow	\geq				$\geq \leq$	$\geq \leq$	$\geq \leq$				12.4				
	15.9	37.1	27.7	5.9	.8	2						100.0	5.			

USAFETAC $_{\text{JUL 64}}^{\text{FORM}}$ 0-8-5 (QL A) previous editions of this form are obsolete

> NW WMM VARBL

CALM

₹ 3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				CON	DITION						
	_	n										
SPEED (KNTS) Lift.	1 - 3	4-0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 ~ 47	48 - 55	≥56	*
N	-6	.6	• 2									1.4
NNE	.5	.3	- 2	•0	.0							1.1
NE	.9	. 6	. 4	.2	1	1						2.2
ENE	40	.7	. 6	.5	.1	. 6						2.6
ŧ	2.1	2.4	2.0	.2	. 2	• 0						7.0
₹\$E	1.8	1.8	2.7	3.0	.7							9.9
SE	2.6	-6.1	5.5	2.4	.5	. 3						17.5
SSE	3.0	4.5	2.6	.5	.1							10.7
\$	2.7	5.1	1.9	5								10.3
ssw	. 1)	_1.1			- 2		0					3.3
SW	8	1.0	9	.2	-2	<u>i</u>						3.4
WSW	- 9	5	2									1.7
W	ا تمد	В	6	-2					<u> </u>			2.6
WNW	1	. 7	. 4		ا ا			i				1.9

TOTAL NUMBER OF OBSERVATIONS 2949

20.5

USAFETAC FORM 0.8.5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

23109 LAVIS MONIHAN AFB ARIZONA (TUCSTIN) 41-45, 48-75

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAN AFR ARIZHNA (TUCSHN)	41-45,48-75	VПV							
	ALL WE	ATHER	1200-1460 NOURS (L.S.Y.)							
	CONDITION									

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	2.3	. 8	•2			.0					5.6	4.6
NNS	_,7	.7	• 2	• 1								1.7	4.8
NE	• 7	.7	. 2	.4		.0						2.3	7.0
ENE	8	•7	6	•6	- 1	i						2.9	7.6
E	9	1.1	1.7	-8	• 2	.1						4.7	8.0
ESE	. 5	1.2	1.7	1.9	9	.0						6.6	10.0
SE	1.1	1.6	2.3	2.0	3	.0						7.4	8,6
SSE		1.1	. 7	.2	.0							2.9	5,9
S	.9	1.4	1.2	- 4		.0		L	<u> </u>	<u> </u>	<u>L </u>	3.9	6.6
ssw	7		.9	.7-			.0	<u> </u>		<u> </u>	<u> </u>	7.0	9.2
sw	. 8	. 9	1.2		-4	2_						4.6	9,9
WSW			1.4			<u> </u>			<u> </u>	<u> </u>	<u> </u>	3.9	7.6
w	1.9	2.4	2.1								<u> </u>	7.5	6.7
WNW	1.5	2.7	2.2		- 2					ļ	<u> </u>	7.4	6.7
NW	2.7	4.4	2.9		-2	<u> </u>	ļ <u> </u>		<u> </u>			10.9	5.9
NNW	2.0	3.2	5	- 4		<u> </u>			ļ	<u> </u>	<u> </u>	7.0	5.3
VARBL			Ĺ,			Ļ	Ļ	ļ	<u></u>	ļ	<u> </u>	!	
CALM	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	17.8	
	19.4	25.8	21.7	11.5	3.0		.,	0				1,00.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2951

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MUNIHAM AFR A" IZUNA (TUCSON)	41-45,48-75 TEARS	V N N
		ATHER	1500-1700 HOURS (L.S.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	2.8	1.5	- 3								5.7	5.3
NNE	3	. 5		• 1			L					1.4	4.4
NE	.7	1.0	1.0	. 5	.2							3.5	7.4
ENE	3	6	1.3	. 1.0	. 2							3.5	9.4
E	.7	1.7	1.5	- 4	. 2	-0						4.5	7.0
ESE		1.0	1.0	_1.1	.1							3.4	9.2
\$E	- 4	1.1	9	. 3	0							2.8	6.8
SSE	2	3	3	1								. 8	6.3
\$. 4	4	4	• 2					T		1	1.4	6.4
ssw	. 2	. 4	.7	. 8	2				l			2.4	10.8
sw	- 2	. 5	102	1.3	. 3	. 2	0					3.8	11.3
wsw	- 4	7_	1.5	- 6	. 2							3.4	8.6
w	1.0	1.7	3.1	1.0	2	0.0			l			7.1	7.9
WNW	1.3	2.7	40.5	. 9					<u> </u>			8.5	7.1
NW	2.7	7.4	0.6	2.8	3				l	<u> </u>	<u> </u>	22.9	7.4
NNW	2.0	5.3	4.2	9	.0							12.4	6.3
VARBL													
CALM	$\geq <$	><	$\geq <$			><	$\geq <$	$\geq <$	$\triangleright <$	$\triangleright <$	$\triangleright <$	11.6	
	13.4	28.1	31.9	12.4	2.3	. 4	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 2950

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2955

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVI	2 MONTH	AN AFB	ARIZO	NACTUC	SUM)	41-	45.48-	75	TEARS			<u>\</u>	UV.
51A1AA			514110						•	2000				
						ALL WE	ATHER						1800	-2000
						•								, (4.0)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	اد و ا	.9	.7									2.9	4.6
	NNE		• 2	.1	.0								• 9	4.4
	NE	.3	. 9	.4	• 3	• 0							2.0	6.4
	ENE	. 4	1.3	1.6	_ ,5	. 2	-1			Γ			4.0	8.0
	ŧ	.9	2.9	2.1	.4	3_							6.6	6.7
	ESE	. 9	1.4	1.0	• 3								3.7	6.1
	SE	1.2	1.6	. ii	. 2								3.8	5.2
	SSE	1.0	7_	. 2	L								1.8	3.9
	S	1.5	1.7	1.0									4.2	4.8
	SSW	8	1 .7	.5	.3								2.4	6.2
	SW	ق ق	-7	. 8	.4	1							2.9	0.3
	WSW	1.5	1.1	زه ا	2_								3.4	5.0
	w	2.5	2.8	1.3	5	0_			<u> </u>		<u> </u>		7.2	5.2
	WNW	2.4	3.9	2.3	5_		-0						9.2	5.6
	NW	4.2	6.4	401	1.0								15.8	5.8 4.7
	NNW	1.6	1.9	1.0							<u> </u>		4.6	4.7
	VARBL	L	<u></u>		Ļ									
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	24.5	
	1	H		l		l _			i	1		i i		

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFR ARTZONA (TUCSON)	41-45, 48-75 YEARS	NOV NONTH							
	ALL WE	ATHER	2100-2300 NOURS (LS.Y.)							
	сом	CONDITION								

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1	. 2	• 2									.5	5.8
NNE	1											.3	4.2
NE		. 2		0								_ 5	5.9
ENE	. 2	.5	. 2		.2							1.1	7.9
Ε	lal	2.7	1.8	7	- 1						<u> </u>	6.5	6.6
ESE	2.7	4.5	3.0	. 5	1	0						10.8	5.8
SE	5.7	11.8	4.3	. 5								22.3	5.1
SSE	4.1	6.9	2.1	.2_			I					13.4	4.6
S	4.7	5.1	2.1	- 4	-0							12.2	4.7
SSW	1.4	1.6	3									3.8	4.7
sw	. 9	1.4	1.2	. 3								3.9	6.1
WSW	7	a is	. 3	. 2								1.8	5.3
w	6	1.0	. 8			0						2.5	5.9
WNW	2	.3	- 4	•0								.9_	6.3
NW	4		. 5	- 2	0							1.5	5.7
NNW	-0		.2	0_								.4	6.7
VARBL													
CALM	$\geq \leq$	\times	\times	X	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	17.4	
	23.3	37.4	18.0	3,3	د							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3056

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45,48-75

	_		ALL WEATHER CLASS											
					CON	DITION			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	_								·		r		·····	
SPEED (KNTS) D!2	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED	
N	. 3	.3		• 0								6	4.3	
NNE	1	.0										•1	2.5	
NE	. 2	1	1	a1								.4	5.8	
ENE	ز و	. 5	٠.٦									1.1	5.3	
E	1.1	2.5	1.4	5	O.							5.5	6.1	
ESE	2.0	6.4	3.4	1.6	. 2	0		Ĺ				13.6	6.6	
SE	5.9	14.9	8.4	1.3	. 2							30.7	5.8	
SSE	3.6	6.8	4.0	. 5				L				14.9	5,5	
s	2.6	3.5	2.1	- 2		<u></u>						8.4	5.2	
SSW	9	8.	7	.3	.0	1				İ		2.8	6.8	
sw		. 7		1	0							2.1	5.3	
WSW	- 4	5			.0	<u> </u>		<u> </u>	<u> </u>		<u> </u>	1.3	6.6	
w		- 4						<u> </u>		<u> </u>		1.5	5.7	
WNW		3_	- 4				L		<u> </u>		L	.9	9.4	
NW	2	2	- 4						<u> </u>			1.0	6.9	
NNW			1	-0								.3	5.8	
VARBL									L		<u></u>			
		· \		\sim	\sim	\sim	\sim	\sim	ハン	\sim		14 4	1	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFB ARIZONA (TUCSON)	41-45,48-75 YEARS	<u>DEC</u>
	AJ.L WF	ATrick	0300-0500 ROURS (L.S.T.)
	сок	ITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 1	•1	•1									.3	5.0
NNE	٠١											• 1	2.0
NE	• 3	.1		• ()								.7	5.3
ENE	• ?	. 3	• 1	• 1	.0							.7	6.3
E	1.5	2.2	1.8	• 3								5.7	5.9
ESE	2.3	5.7	3.5	1.4	.1							13.0	6.5
SE	5.4	14.7	8.9	2.2	.2							31.3	6.1
SSE	3.1	7.7	5.2	.9	ن							16.9	6,1
\$	1.7	3.7	2.4	.5								8.3	5,8
SSW	. 5	.6	.7	•2	.1	•1.						2.2	7.5
sw	. 4	5	7	.2	.0							1.8	6.7
WsW	.1	. 3	.2	.1		0						• 7	6.8
W	. 4	. 3	.7	•1	.0							1.5	6.9
WNW	•2	. 2	•2	•0	.0							.7	5.8
NW	.3	. 3	3	•.0								.9	5.7
MMM	. 2	• 1	.0	.1								•4	4.3
VARBL							Ī				i		
CALM		$\geq <$	$\geq \leq$	$\geq <$		$\supset <$			$\geq <$	$\supset <$	><	14.9	
	16.6	36.7	25.0	6.1	. 6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3054

DATA PROCESSING BRANCH ETACZUSAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVI	e HONTH	AN AFB	AR TZT	INA (TUC	(30N)	41-	<u>45,48-</u>	75	YEARS			E C
		_							 			0600 HOUR	-0800 (L.S.Y.)
			AN AFB ARIZINA (TUCSON) 41-45,48-75 TEARS ALL WE ATHER CLASS CONDITION										
_													
	SPEED												MEAN

SPEED (KNTS) DIR.	1.3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.2	- 1	.0									• 3	3.
NNE	1	0										• 2	2.
NE	- 3	. 2	0.1									•5	4.
ENE	3	.5	5	.1								1.3	6.
E	1.3	1.8	1.4	4	. 1							5.0	6.
ESE	2.0	4.5	1.2	1.5	.2							11.5	6.
SE	5.1	13.3	10.2	2.8	. 3	•0						31.7	6.
SSE	3.4	8.1	5.8	.9	2							18.3	6.
5	2.4	3.4	3.2	5	•0	.0.						9.5	5.
SSW	. 5	. 8	В	. 3	.2	-0						2.6	8.
SW	.5	5	_ 4	.1	.0_							1.4	5.
wsw	1	. 3	1	. 1					i			•6	6.
w	1	. 3	. 3	•0								.9	5.
WNW		. 4	- 2	4.1								. 8	6.
NW	. 3	. 3	. 4	. 1								1.0	6.
NNW	1	. 2	4 1	.1								.5	7.
VARBL													
CALM	$\supset <$	> <	> <	> <	$\supset <$	$\supset \subset$	$\supset <$	$\supset \subset$	> <	$\supset \subset$		13.9	
	16-2	34 6	26.6	7.1	1.0	,	· ·		· · · · · · ·			100.0	5.

TOTAL NUMBER OF OBSERVATIONS 3053

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DAVIS MONIHAN AFB ARIZONA (TUCSON) 41-45,48-75

ALL WEATHER SPEED (KNTS) DIR, 4.3 1.3 3.9 NNE •6 . 3 .3 •1 NE 1.4 5.6 .4 ٥. ENE .8 Ε 1.4 2.1 1.3 •7 6.2 ESE 11.3 8.5 غعد 3.0 3.3 2.8 SE 18.8 7.6 5.9 •0 3.0 SSE 2.9 5.1 12.1 5.9 5 9.7 5.6 ٥٠ 4.0 200 •6 .0 2.9 SSW 7.9 . 8 SW . 8 .0 ٠Ω. 3.1 1.1 .6 wsw 1.2 5.7 .3 6.5 w يع WNW ٠Ũ .0 2.1 6.0 • 4 NW 5.7 2 . B NNW 4.3 1.4 VARBL

TOTAL NUMBER OF OBSERVATIONS

20.5

100.0

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CALM

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DATA PROCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

DVAT	S MONTH	A A P O	ARIZU H MANE	NATIOC	2014)		45,48-	75	TEARS				F L
					ALL NE	ATHER						1200	-1400
			-		CL	ASS						HOUR	5 (L.S.T.)
			<u> </u>		CON	DITION	 -						
					· · · · · · · · · · · · · · · · · · ·								
SPEED (XNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	2.5	7	0								5.8	4.1
NNE	1.0	. 9	• 2	•0								2.2	4.3
NE	1.2	1.1	. 3	.6	.0							3.2	6.0
ENE	. 7	.9	. 4	.3	. 1	- 1						2.5	7.2
E	1.4	1.1	1.0	• 9	- 1							4.5	6.6
ESE	.0	1.2	1.5	1.9	. 4	-:						5.6	9.7
SE	1.0	1.8	2.3	2.4	. 8	. 1						8.4	9.6
SSE	. 6	. 9	. 7	- 4	. 2	•0						2.8	7.3
S	1.3	1.5	1.2	- 4	. 1	. 1			<u> </u>			4.6	6.5
SSW	. 5	8	. 5	1.2	- 4	. 2	- 1					3.7	11.5
SW	8	.7	1.0	- 8	4	. 2	.0	•0				3.8	9.9
WSW	8	. 5	-7	. 3	. 1	. 1						2.5	7.2
w	1.6	2.0	1.0	- 6	2	.0			i			5.4	6.2
WNW	1.2	1.9	1.2	. 5	. 2							5.0	6.4
NW	3.1	3.7	3.0	_ 8	. 1	- 0						10.7	6.0
NNW	2.0	2.3	1.1	. 2	.0.	.0						_5.8	5.3
VARBL	1												
CALM		> <	> <	><	\times	\times	\times	> <	$\supset \subset$		> <	23.6	
	20. 2	22 7		111	2 (1 0		,				1000	6 4

TOTAL NUMBER OF OBSERVATIONS 3055

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONTHAN AFB AKIZONA (TUCSON)	41-45,48-75	UFC NONTH
	ALL HE		1500-1700 HOVES (L S.T.)
	СОИ	1710K	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	2.5	i.2	•1								6.0	4.8
NNE	. Ú	.6	- 2	•0								1.7	4,0
NE	Ţ	• 6	.7	• 5	.1							2.06	7.5
ENE	.6	. 8	1.2	. 8	.1							3.5	7.9
E		1.5	1.7	• 4	.1							4.6	6,9
ESE	- 4	•7	1.0	. 8	.1							2.9	8,5
SE	1.0	1.1	14	•7	.2			[4.4	7,3
SSE		. 3	. 3	, 3	.0			[[1.2	6.9
S	. 3	. 3	• 0	-4		•0						1.6	8.2
SSW	. 2	. 3	. 8	• 7	. 2	1						2.3	10.7
sw	3	. 5	. 4	1.1	.5	. 2						3.6	11.6
wsw	- 2	.5	.6	. 8	.1		.0					2.4	10.7
w	. 9	1.7	1.6	. 8	.2		.0					5.3	7.6
WNW	1.1	2.3	2.7	.9	. 2							7.2	7.0
NW	3.3	8.0	8.7	2.9	4_	0	.0					23.3	7.2
WMM	2.4	4.7	5.9	•7								11.8	6.1
VARBL					Ŷ								
CALM		$\geq \leq$		\times	\times	$\geq <$			$\geq \leq$			15.6	
	15.7	1	27.5		2.3	. 5	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 3061

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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T.

DATA PROCESSING BRANCH CIAC/USAF AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	DAVIS	. wowie	AN AFB	ARIZO	NVITUC	SON)	41-	45,48-	75	'EARS				F C HONTH
		_				ALL WF	ATHER							-2000 * (L.S.T.)
		-				cox	MOITIGN							
	SPEED (KNTS) D'R.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	MEAN WIND SPEED

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.0	.5_	• 1						i		3.1	4.4
NNE	ز ،	1	.0	•0	.0							•6_	4.8
NE	7	. 3	.7	. 2	.0							1.9	6.1
ENE	.6	. 8	1.3	.5	.0	.0						3.4	7.5
E	1.2	2.2	2.1	-6								6.0	6.3
ESE	1	1.7	1.5	. 4	1							4.7	6.4
SE	1.8	2.6	1.7	4	1							6.5	5.7
SSE	1.3	1.2	.7									3.3	4.8
S	1.2	1.6	.6	1	.0							3.5	4.9
SSW	7	. 8	. 9	3					I	I		2.6	6.4
SW	1.2	1.3	1.0	3		2						4.1	6.9
wsw	6	. 6	2		0	0		Ĺ		I		1 - 4	5.6
w	1.8	2.0	1.4	- 3	-1	1			<u> </u>	I		5.5	5.6
WNW	1.9	2.7	1.7	. 5	.0					I		6.9	5.6
NW	4.5	5.2	3.2	1.0				٥				14.0	5.6
NNW	1.7	1.7	.6	1	. 0							4.2	4.8
VARBL													
CALM	$\geq <$	><	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$		\geq	$\geq \leq$	$\geq \leq$	28.1	
	22.0	25.4		4.8	. 7	3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 3060

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23109 STATION	DAVIS MONIHAL	AFB ARIA	DNA (TUC:	<u> </u>	41-4	5 <u>.40-75</u>	TE	195)FC
				ALL HE	THER			<u> </u>	_		0-2300
				CONDI	TION						
 							······································		-	 ,	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥51	*	MEAN WIND SPEED
N		1	.1	.0								ز	6.0
NNE		. 1	•						,	L		2	5.0
NE	. 2	. 3	2	١٠								7	5,4
ENE	. 2	. 5	. 3	• 2						İ		لغل	6.3
E	1.0	2.5	2.3	.4								5.3	6.5
ESE	2.5	5.4	301	•9	. 1	- 1			L			12.1	6.1
SE	4.3	11.1	2.0	1.2	.2	.0						72.8	5.7
SSE	4.3	0.1	1.7	.2								12.3	4.6
S	4.0	4.1	1.6	.1								9.8	4.4
SSW	1.5	1.4	.7	.3	.1	.1						4.1	5.8
SW	1.1	1.0	. 9	.3	.1	.0						3.3	6.3
WSW	. 8	.6	• 3	.0								1.7	4.5
w	.9	- 9	. 5	•0	.0	.0	.0					2.5	5.6
WNW	. 4	. 3	.5	-1	0	!						1.4	6,5
NW	. 3	.5	. 6	.2			L					1.6	6.7
NNW		1	.1	. 1								• 4	8.2
VARBL													
CALM					\geq			$\geq \leq$	$\geq \leq$		$\geq \leq$	19.2	
	22.4	34.9	18.5	4.2	.6	[.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 3058

DATA PRUCESSING BRAHCH ETAC/USAF AIR WEATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 3 1 () 9 STATION	DAVIS MUNIHAN GER ANIZONA (TUESON) 41-46,48-76 STATION RANG VERRE	ALL
	INSTRUCENT CLASS	ALL hours (L.s T.)
	CIG 200 TU 1400 FT W/ VSRY 1/2 AT DR MOKE.	
	AND/UR VSBY 1/2 10 2-1/2 MI W/CI. 200 FT OR MOKE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 5	1.2	1.0	1								2.8	6.2
NNE	. 4	. 3										•6	3.0
NE	. 5	- 3	.5	. 8								2.2	9.5
ENE	. 3	. 4	8.	.5		. 4	1		i			2.4	12.5
E	1.2	1.2	. 6	1.3	. 4	4						5.0	9.9
ESE	9	. 9		.6	-1	3						3.1	9.6
3E	. 8	1.9		-4		. 5	. 1					4.4	8.8
SSE	- 6	1.4	. 1			4						2.6	7.1
S	. 8	.6	. 8	. 5	. 2		3	1				3.3	10.9
ssw		.6	.9	. 5	1		- 1					2.8	5.5
sw		1,5	. 5	• 1			6					4.0	10.7
WSW	5	. 9	_ B	-4		. 5	- 14					3.5	12.0
w	1.3	4.0	3.3	1.3	-0-	. 3	4					11.1	8.8
WNW	1.2	2.8	3.5	2.7	1.4	- 4						12.0	10.1
NW	2.4	3.5	5.6	3.3	1.0	1.2	. 1	. 1				17.3	2.9
NNW	. 9	2.0	1.4	1.5								5.9	7.7
VARBL													
CALM		\times	$\geq \leq$	$\geq \leq$	\times	\mathbb{X}	\times	$\geq \leq$	$\geq \leq$		\geq	17.0	
	13.4	23.4	20,0	14.1	4.0	4.7	,, 4	.3				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

USAFE1AC $_{\text{NUL 64}}^{\text{FORM}}$ 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART D

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CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this pre 'tation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING				· · · · · · · · · · · · · · · · · · ·			VIS	SIBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	4≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	21%	≥1%	≥ 1	≥ ¾	≥ %	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING							$\langle \rangle$			\leq						
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000	·															<u> </u>
≥ 900 ≥ 800																
≥ 700 ≥ 600						}										
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%.

 Visibility > 2 miles = 96.9%.

 Visibility > 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

S74-29963

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility > 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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DAVIS MUNIHA'I AFB ARIZONA (TUCSUN) 41-40,48-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						į
(FEET)	<u>></u> 10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1½	≥1¼	دا د	≥ 34	≥%	≥ 1/2	≥ 5/16	≥%	≥0
NO CEILING	74.9	75.0	75.0		75.0	75.0	75.0	75.0	75.0		1	75.0	75.0			75.0
≥ 20000	112.3		82.4		82.4			82.4	82.4		~~	82.4	82.4	_		
≥ 18000	82.7	82.3	82.0		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8			
≥ 16000	83.7	93.8	83.0		83.5	83.8	ρ ₁ . Β	83.8	83.8	33,8		83.1	83.4	83.8	83.5	
≥ 14000	86.6	86.6	86.7	86.7	86.7	86.7	80.7	86.7	86.7	86.7	36.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	89.8	\rightarrow	89.6	89.9	89.9	89.0	19.9	39.9	89.9	69.9	89.9	89,9	89.4	87.9		
≥ 10000	91.3		91.4	91.4	91.4	91.4	91.4	91.4	91.4		91.4	91.4	91.4	91.4	21.4	91.4
≥ 9000	92.0		92.1	22.1	92-1	92.1	35.5	92.2	92.2			92.7	92.2	92.2	92.2	97.2
≥ 8000	93.5	47.0	93.6	93.6	93.0	93.6	93.0	93.0	93.6	93.6	73.0	93.6	93.6		93.6	93.6
≥ 7000	95.0	95.1	95.1	95.1	95.1	95.1	9: . 2	25.2	95.2	95,2		95.2	95.2	95.2	95.2	95.2
≥ 6000	96.7	96.8	96.9	96.9	96.9	96.9	76.9	96.9	96.9	96.9	96.9	96.9	96.9		97.0	97.0
≥ 5000	97.9		98.1	98.1	98.1	99.1	91.1	98.2	98.2	98.2	98.2	98.2	98.2	99.2	98.2	98.2
≥ 4500	98.2		90.4	28.4	38.5	98.5	90.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5		
≥ 4000	98.0	98.8	98.8	98.9	98.9	98.9	94.9	98.9	90.9	98.9	98.9	98.9	98.9	99.9	98.9	98.9
≥ 3500	98 • ដ		99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	93.4	99.4	99.4
≥ 2500	99.1	99.3	99.4	99.5	99.5	99.5	79.5	99.5	99.5	99.5	99.5	98.5	99.0	99.6	99.6	99.6
≥ 2000	99.2	99.4	99.5	99.6	99.0	99.6		99.4	99.5		99.1	99.7	99.7		99.7	99.7
≥ 1800	99.2	99.4	99.0	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99,7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	99.3	99.5	29.0	99.7	99.7	99.7	99.0	99.8	99.8	99.3	99,0	99.8	99.0	99.8	99.8	99.8
≥ 1000	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.6	99.8	99.¤	99.9	99.9	99.9	99.9
≥ 900	99.3	99.6	99.7	99.7	99.0	99.8	94.8	99.8	99.8	99.9	99.9	99.9	99.9			99.9
≥ 800	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9			99.9	99.9
≥ 700	99.3	99.6	99.7	99.8	97.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	69.9	99.9	99.9	99.9
≥ 600	99.3	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	9.9	99.9	99.9	99.9
≥ 500	99.3	95.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.3	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.7	99.9	99.9	99.9	99.9	100.u	100.0	100.0	100.0
≥ 200	99.3	99.6	99.7	79.R	99.8	99.9	94.9	99.9	99.9	90.9	99.9	90.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.6	99.7	99.8	99.0	90.9	29.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.6	99.7	99.11	99.8	99.9	99.9	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 278768

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

DAVIS BUNIHAN AFB ARIZO A(TUCSON) 42-40,49-71,73-76

JA1:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥1¼	≥1	≥ ¾	≥, ¾	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	71.9 79.5	71.7 79.6	72.0 79.6			72.0 79.6	72.0				72.0 79.5		72.0	72.0 79.6		72.0 79.7
≥ 18000 ≥ 16000	80.1 81.3	შე.2 შ1.3	80.2		80.2	80.2	80.2	80.2	80.2 81.4	80.2	80.2	80.2	80.2	81.4		80.2
≥ 14000 ≥ 12000	84.0 86.1	84.0 86.2	84.1 86.2	84.1 86.2	84.1	86.3	R4.1 Р()	34.1	84.1	84.1 86.3	84.1	84.1	84.1	84.1	84.1	84.1
≥ 10000 ≥ 9000	87.7 88.3	07.7 88.3	87.5 88.4		97.8 98.4	87.8 38.4	87.8 38.4	37.8	87.8	87.8 88.4	87.8 88.4	87.8 80.4	87.8 88.4	87.8	87.8	87.8 68.4
≥ 8000 ≥ 7000	89.2 90.2	09.3 90.2	89.J 20.J		89.3 90.3	89.3	99.3	89.4	89.4	69.4 90.3	89.4 90.5	89.4	89.4	89.4 90.3	89.4	89,4
≥ 5000 ≥ 5000	92.4 94.3	92.4	94.5	92.5 94.6	92.5	92.5 94.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5 94.0	92.5	92.5	92.6
≥ 4500 ≥ 4000	95.2 96.3	95.4 96.6	95.4	95.5	95.5	95.9 96.7	95.5	95.5	95.5	95.5	95.5 96.8	95.5	95.5 96.4	91.5	95.5	95.5
≥ 3500 ≥ 3000	96.9 97.5	97.1 97.8	97.2 98.0	77.2 48.0	97.3	97.3 98.1	97.3 98.1	97.3 98.1	97.3 98.1		97.3		97.3	97.3 98.1		97.3
≥ 2500 ≥ 2000	97.9 98.2	98.2 98.6	98.4 98.7	98.5 98.8	98.5	98.5 98.9	98.6	98.6	98.0	20.6		98.5	98.6	98.6	98.0	99.0
≥ 1800 ≥ 1500	90.2 9d.3	98.6 98.8	98.8 99.0	98.9	98.9 99.1	98.9 99.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0		99.0
≥ 1200 ≥ 1000	90.5 98.5	98.9 99.0	99.1	99.2 99.3	99.3	99.3 99.4	99.3	99.3	99.3	99.4		99.4	99.4	90.4	99.4	99.4
≥ 900 ≥ 800	98.5 98.5	99.J 99.1	99.3	99.4 99.4	99.5	99.5 99.5	99.5	99.5	99.5	99,5	99.5	99.5	99.0	99.6	99.6	99.6
≥ 700 ≥ 600	98.6 98.5	99.1	99•4 99•4	99.4	99.5	99.5 99.6	99.5	99.7	99.6	99.6		99.6	99.6	97.6		99.7
≥ 500 ≥ 400	98.6 98.6	99.2 99.2	99.4	99.5 99.5	9.7	99.6 99.7	99.7 99.8	99.8 99.8	99.8	99.8	99.5	99.8	99.8	97.8	99.8	99.8
≥ 300 ≥ 200	98.6 98.6	99.2	99.5	99.6 99.6	99.7 99.7	99.7 99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	917.9	99.9	100.0
≥ 100 ≥ 0	98.6 98.6	99.2 99.2	99.5 99.5	99.6 99.6	99.7	99.7 99.8	99.8 99.8	99.9 99.9	99.9	99.9	99.9	99.9	00.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS

24161

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHALI AFB ARIZONA (TUCSON) 42-45,48-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET,	≥10	≥6	≥5	≥ 4	≥3	≥2½	≥2	≥1½	≥1%	≥1	≥ ¾	≥ %	≥%	≥ 5/16	≥¼	≥0
NO CEILING	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72,2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	80.7	80.8	80.0	30.8	00.8	80.8		80.8	80.8	80.9	80.9	80.9	80.9	87.9		
≥ 18000	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4				81.4	81.4	81.4		81.5
≥ 16000	82.5	82.5		62.6			2.0	82.4				82.4		82.6		
≥ 14000	84.6	84.7	84.7	84.7	34.8			34.8		84.8	84.8	34.A		84.8		
≥ 12000	87.3	87.3		67.4			37.4				87.4			87.5		
≥ 10000	89.0	89.1	89.1	89.2	29.2	89.2	39.2	89.2	89.2				89.2	89.2	• •	
≥ 9000	89.6	89.6		89.7			89.7	89.7						89.8		
≥ 8000	90.3	90.4	90.5	90.5	90.5	90.5	90.5	20.5	90.5	90.5	90.5	90.5	90.6	90.6		90.6
≥ 7000	91.7	91.7	91.8				_	91.9								
≥ 6000	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3		94.3		94.3
≥ 5000	96.1	96.3					92.4				96.4			94.5		96.5
≥ 4500	90.7	96.8	96.9	96.9			97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4000	97.4	97.6		97.7		97.8								97.9		
≥ 3500	97.7	97.9	98.0			98.1	93.1	98.1	98.1	98.2	98.2		98.2	98.2	98.2	98.2
≥ 3000	90.1	98.3										98.7		98.7	98.7	98.7
≥ 2500	98.4	98.7	98.8				79.0		99.0	27.0			-	99.1	99.1	99.1
≥ 2000	98.5	98.9			99.2		99.2		99.2	99.3				99.3		,
≥ 1800	90.6	99.0	99.1	99.2	99.2	,		99.3	99.3	99.3				99.4	99.4	ソラ・年
≥ 1500	98.7	99.1	99.2		99.4									99.5		99.5
≥ 1200	98.8	7 -	99.3		99.5				99.6	99.6				99.6		99.7
≥ 1000	98.8				99.6							99.7		99.7	99.7	99.7
≥ 900	98.8		99.4	99.5	99.6		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	98.8				99.6			99.7	99.7	99.7				99.8		
≥ 700	98.8		99.5		99.6			99.7	99.7	99.8				99.8	99.8	99.8
≥ 600	98.3							39.7	99.7	99.8				99.8	99.8	99.8
≥ 500	98.8		99.5	,	99.7	99.7	99.0	99.8	99.8	99.8	-			99.9	99.9	: 1
≥ 400	98.8									99.8					99.9	
≥ 300	98.8		99.5		99 • 7	99.7	99.8	99.8	99.8	90.9	99.9	,				
≥ 200		97.3										99.9			100.0	د ــــــــــــــــــــــــــــــــــــ
≥ 100	98.8					99.7	99.8	99.8		-		99.9				100.0
≥ 0	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS...

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER J. F ICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNITIAN AFB ARTZUNA (TUCSON) 42-45,48-71,73-75

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)							VI\$	IBILITY (ST	ATUTE MIL	ES)				·		
	≥10	≥6	≥5	≥ 4	.3	≥2%	≥ 2	≥1½	≥1%	≥1	≥ ¼	≥ %	≥ %	≥ 5 16	≥ ¼	≥0
NO CEILING ≥ 20000	71.3 80.1	80.2	71.4 80.5		71.5 80.3			71.5 80.3				71.5	71.5 د 80		71.5	
≥ 18000 ≥ 16000	83.9		81.1 82.2	81.1 82.2	81.1		81.1	81.1	81.1 82.2			81.1	81.1	81.1	81.1 92.2	82.2
≥ 14000 ≥ 12000	84.5 86.8			84.7 87.0	84.7		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	86.4 86.8	89.0	89.0		88.6 89.1			88.5	88.6			88.7	88.7	88.7	88.7 89.1	88.7
≥ 8000 ≥ 7000	89.7 91.1	91.2	91.3	υ9.9 91.3	91.3	91.3	89.9	89.7 91.4	89.9 91.4	90.0 91.4	90.0			90.0	90.0	
≥ 6000 ≥ 5000	93.9	96.4	96.5	94.1 96.5	94 • 2 96 • 5	96.5	94.2	94.2	94.2 96.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500 ≥ 4000	97.6	97.8	97.4 97.9		97.3 97.9	97.9	97.3	97.3 98.0	97.3 98.0	97.3	77.3		97.4 98.0	97.4	97.4 98.0	97.4
≥ 3500 ≥ 3000	91.9		98.2 98.7		98•2 98•8	98.8		98.3 98.8	98•3 98•8		98.9		98.3 98.9	98.3	98.3 98.9	98.3
≥ 2500 ≥ 2000	90.0	90.9 99.1	99.0	99.0	99.1 99.4		9° 11 99.4	99.4	99.i 99.4	99.1		99.4	99.1	99.1	99.1	99.2
≥ 1800 ≥ 1500	98.9	99.2 99.3	99.4	99.3	99.4	99.4 99.5	99.4	99.6	99•4 99•6	99.5 99.6	99.5	99.5 59.6	99.5	99.5	99.5	99.5
≥ 1200 ≥ 1000	99.0	99.4	99.5 99.6	99.5	99.6 99.7	99.7	99.6	99.7 99.7	99.8	99.7 99.8	99.7 99.8		99.7	99.7	99.7	99.7 99.8
≥ 900 ≥ 800	99.0	99.4	99.0	99.6	99.7 99.7	99.7		99.B			99.8 99.8	99.8	99.8 99.8	99.8	99.8	99.8
≥ 700 ≥ 600 ≥ 500 l	99.0 99.0	99.5	99.6	99.7	99.7 99.8		99.8	99.8 99.8		99.9	99.6	99.3		99.8	1	99.9
≥ 500 ≥ 400 ≥ 300	99.0	99.5 59.5	99.7	99.7	99.8 99.8		99.9		99.9	99.9	99.9	99.9	99.9	99.9		00.0
≥ 200 ≥ 100	99.0	99.5 99.5	99.7 99.7	99.7 99.7	99.4	99.8 99.8	99.9		99.9	99,9	99.9	99.9	00.01	99.9	.00.01	00.0
ž 0 2 0	99.0	99.5	99.7		99.8			99.9	99.9			99.91 99.1				

TOTAL NUMBER OF OBSERVATIONS...

22979

USAF ETAC JULE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROTESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFE AKILONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS ILST

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥ 2	21%	≥1%	≥1	≥ ¾	≥%	≥ ½	≥ 5/16	≥4	≥0
NO CEILING ≥ 20000	81.5 88.3	61.5 88.4	81.5 88.4	31.5	81.5 88.4			81.5 88.4				81.5 88.4	81.5 88.4	81.5 88.4	81.5 88.4	81.5 88.4
≥ 18000 ≥ 16000	88.7 89.2	88.3 59.3	88.8 89.3	68.8 89.3	88.8 89.3	89.3	69.3	38.R 89.3	89.3	89.3		85.9 89.3	89.3	88.9 89.3	88.9 89.3	88.9 89.3
≥ 14000 ≥ 12000	91.0 92.6	91.1 92.0	91.1 92.7	91.1 J2.7	91.1 92.7	91.1 92.7		91 • 1 92 • 7	91·1 92·7	92.7	91.1 92.7	91.1 92.7		91.1 92.7	91.1 92./	91.1 92.7
≥ 10000 ≥ 9000	93.0	93.7 94.2	93.1	93.7	93.7		94.2	93.7	94.2	94.2	93.7	93.7	93.7	93.7 94.2	93.7	93.7
≥ 8000 ≥ 7000	94.9 96.1	75.0 96.2	95.0	96.2	95.0	96.2	96.2	95.0 96.2	96.2	96.2	96.2	96.2	96.3	95 • 1 96 • 3	95.1 96.3	95.1
≥ 6000 ≥ 5000	97.7 98.7	97.8 98.8		98.8		98.8	98.9	97.9 98.9	98.9	98.9	98,9	98.9	98.9		98.9	97.9
≥ 4500 ≥ 4000	99.1	99.2	99.5	99.5	99.2 99.5	99.5	99.5	99.7		99.5	99.5	99.5	99.5	99.5	99.5	99.3
≥ 3500 ≥ 3000	99.4	99.5 99.7	99.0 99.7	99.7	99.6 99.7	99.7	99.8		99.8	99.8	99.8	99.8	99.8	99.8		99.7
≥ 2500 ≥ 2000	99.6	99.7		99.8	99.8	29.9	99.9	99.9	99.9	99.9	99.9	99.9	99.8	99.9	99.9	99.9
≥ 1800 ≥ 1500	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 100.6	100.0	100.0	
≥ 1200	99.7	99.9	99.9		99.9	99.9	94.9 103.0	100.0	100.0	ton.o	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.7	99.9		99.9 99.9	99.9	99.9	100.0	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.7	99.9	99.9		99.9	99,9	1.0.0	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.7 99.7	99.9			99.9 99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.7				- 1		7.00•0 7.00•0		-	, .		-		-		

TOTAL NUMBER OF OSSERVATIONS

DATA PROCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3

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DAVIS MUNITIAN AFB ARTIONA (TUCSON) 42-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VŧS	IBILITY (ST.	ATUTE MILI	ES)	•					
(FEET)	≥10	≥6	≥5	≥4	≥3	≥272	≥2	≥1%	≥1¼	≥1	≥ 3,4	≥ 3/6	≥ ⅓	≥ 5,16	≥ ¼	≥0
NO CEILING ≥ 20000	80.0 92.9	36.1	86.1 93.0	00.1	93.0	86.1 93.0		36∙1 93•0	93.0	86.1	80.1	86.1 93.0	86.1 93.0	86.1 93.0	86.1 93.0	86.1 93.0
≥ 18000 ≥ 16000	93.4	93.5	93.5 94.2	93.5	93.5		93.6	93.6	93.6	93.6	93.6	93.6				
≥ 14000 ≥ 12000	96.9	95.6	95.6	25.6	95.6	95.6		95.6	95.6	95.6		95.6	95.5	95.0	95.6	95.6
≥ 10000 ≥ 9000	97.5	97.5 98.0	97.6	97.6	97.0	97.6	97.6	97.6	97.6	97.6		97.6	97.6	97.6	97.5	97.6
≥ 8000 ≥ 7000	96.6	98.7	98.7	98.7	98.7	98.7	93.7		96.7	98.7		98.7	98.7	98.7	98.7	98.7
≥ 6000 ≥ 5000	99.7		99.0	99.8	99.8		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500 ≥ 400.	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500 ≥ 3000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9					100.0 100.0										100.0
≥ 1800 ≥ 1500	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9					100.0			-					_		
≥ 900 ≥ 800	99.9					100.0 100.0										
≥ 700 ≥ 600	99.9	99.9	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7
≥ 500 ≥ 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	99.9		100.0	100-0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.9		100.0	1; •0 100•0	100.0 100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____.

USAF ETAC 101.63 0-14-5 (OL A) PREVIOUS FORTIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAD ARB ARIZOHA (TUCSON) 42-45, 48-71, 73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥21⁄2	≥2	≥1/2	≥1%	٤ì	≥ ¾	≥%	≥%	≥ 5/16	≥ %	≥0
NO CEILING	86.3	86.3	86.4	30.4	86.4	86.4	90.4	36.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	
≥ 20000	90.4	90.5	90.5	₹0.5	90.5			90.5	90.5			90.5	90.5			90.5
≥ 18000	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7		90.7	90.7	
≥ 16000	91.1	91.2	91.2	91.2	71.2									91.2	91.2	
≥ 14000	92.9	93.0	93.0			1 7		93.1	93.1			93.1		93.1	93.1	93.1
≥ 12000	95.2	95.3			95.3					95.3		95.3				
≥ 10000	96.3	96,4					76.4			96.4		96.4			96.4	
≥ 9000	97.1	97.2											97.3			
≥ 8000	98.4	98.5	1				90.6	98.6	98.0	38.6	98.6	98.6	98.0	98.6		
≥ 7000	99.2	99.4		99.4	99.4	99.4	94.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	99.7	99.8	99.8	79.8	99.8	99.8	39.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100 0
≥ 5000	99.8	99.9	99.7	100.0	100.0	ron.n	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	99.8	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	TUO-0	100 •	100.0	100.0	100.0	100.0
≥ 3500	99.0	97.9	100.0	1.00.0	100.0	100.0	rco.o	100.2	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
≥ 3000	99.0	99.9	100.0	100.0	100.0	100.0	176.0	100.0	100.0	100.0	100.0	100.0	μου.υ	100.0	100.0	100.0
≥ 2500	99.8	99.9	100.0	1.00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.8	99.9	100.0	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	200.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000.0	100.0	100.0
≥ 1200	99.0	97,5	100.0	11000	100.0	100.0	Tree o	100.0	100.0	100.0	100.0	100.0	100.0	1.00.0	100.0	100.0
	99,8	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000 0	100.0	100 0	100.0	100.0	100.0	100.0
≥ 900	99.5	39.7	11.00.0	1.00.0	100.0	1100.0	11.00.0	100.0	100.0	0.00	1 00 · 0	100	100.0	100.0	100.0	100.0
<u> </u>	99.8	99.7	1100.0	100.0	100.0	1100	10.0	100 0	100.0	00 0	100 0	150.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.8	20 0	111000	1 00 0	100.0		lno o	100-0	100.0	100.0	100.0	100.1	100.0	00.0	100.0	100.0
	99.8	40 6	1100.0	1100.0	00.00	1100.0	10.00	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.8	97.7		11 00 • 0	100.0	li an a	195.0	100.0	100.0	0.00	100.0	h 00 - 1	100.0	100.0	100.0	100.0
	99.8	99 6	1100.0	100.0	100.0	100.0	04.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 1 ≥ 200	99.8	45	100.0	160.0	100.0	li ac . a	11.70.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0
	99.8	90	100.0	1.00.0	100.0	0000	1 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 100 2 0	99.8	20	00.0	1,00.0	100.0	100.0	120.00	100.0	00.0	loc.c	100.0	100.0	100.0	100.0	100.0	100.0
L	1 //•0	1	1-00-0	1.00.0	2 70 80	7.00.00	15 70 80	1-0.740	1.0000	1-0.00		E-2	F			

TOTAL NUMBER OF OBSERVATIONS

22245

USAF ETAC 100M No. 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45,48-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							√ 151	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥ ?	≥1%	≥11⁄4	≥1	≥ ¾	≥ ₩,	≥%	≥ 516	≥%	≥0
NO CEILING ≥ 26000	53.7 64.8	53.7	53.7 54.9	53.7 04.9	50.7 64.9		52.7 64.9	53.7 64.9	53.7 64.9		53.7 64.9	53.7	53.7 64.9	53.7 64.9	53.7 64.9	53.7 64.9
≥ 18000 ≥ 16000	65.4 67.2	67.2	65.4 67.2	67.2	67.2	95.4 97.2	65.4	65.4 67.2	65.4 67.2				65.4 67.2	65.4 67.2		05.4
≥ 14000 ≥ 12000	75.0 83.2	75.0 83.2	_ " ' -]	7 1	75.0 83.2		75.0 2.2	75.0 83.2	75.0 83.2	75.0 83.3				75.0 83.3		
≥ 10000 ≥ 9000	85.9 88.6	88.7	88.7	38.7	87.0 88.7	88.7	87.0 85.7	87.0 88.7	87.6 88.7	89.7	88.7	87.0 89.7			88.7	83.7
≥ 8000 ≥ 7000	93.3 96.9	93.4 97.1	97.1	97.2	93.5	97.2	93.5 97.2	97.2	93.5	97.2	97.2	97.7	97.2	93.5 97.2	97.2	97.2
≥ 6000 ≥ 5000	98.6 99.1	99.3	99.5	99.5	99.6	99.5		99.0	99.0	99.6	99.0	99.1		99.1 99.5		
≥ 4500 ≥ 4000	99.3 99.3	99.4	99.6	99.7	99.0	99.7	49.7	99.7	99.7	99.8	99.8	99.9		99.7 99.8	99.7	
≥ 3500 ≥ 3000	99.3	99.6		99.8	99.7		99.8	99.8	99.8 99.8	99.8	90.9		99.9		99.9	99.9
≥ 2500 ≥ 2000	99.3	79.6	99.7	99.8 99.8	99.8	5.06	99.9	99.9	99.8 99.9	90.9	79.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500	99.3	99.6	99.0			99.9		99.9	99.9	99.9	99,9	99.9	99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000	99.3				99.9	99.9	93.3		99.9	99.9	99,9	99.9	100.0	100.0	100.0	100.0
≥ 9C) ≥ 800	99.3	99.6 99.6	99.0		99.9 99.9	မှဝ ၅		99.9 99.9 93.9	99.9	99.9		100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 500	99.3	97.6	49.6		94.9	93.9	99.9	99.9	99.9	•	100.0	100.0		100.0	100.0	100.0
≥ 500 ≥ 400 ≥ 300	99.4	99.6				99.1		- 1	99.9	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 200	99.4			99.9	99.9	99.9		99.9	99.9	100.0	170.0	100.0	100.0	100.0	100.0	100.1
≥ 100 ≥ 0	99.4				99.9		94.9			190.0						

TOTAL NUMBER OF OBSERVATIONS. 23532

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIMAR AFR ARIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2.4	≥2	≥1%	≥11/4	≥1	≥ 1,4	≥%	≥%	≥ 5/16	≥ %	≥0
NO CEILING ≥ 20000	62.7 73.7	62.3 73.7	62.8 73.7	02.8 73.7					62.8 73.7		02.6 73.7	67.8 73.7	62.b 73.7	62.8 73.7	62.8 73.7	62.8 73.7
≥ 18000 ≥ 16000	74.0 75.4	74.3 75.4	74.1 75.4	74.1 75.4	-,	74.1 75.4	74.1 75.4	74.1 75.4	74.1 75.4	74.1 75.4	74.1 75.4	74.1 75.4	74.1 75.4	74.1 75.4		
≥ 14000 ≥ 12000	81.3 87.9		81.3	31.3 87.9			31.3 87.9				91.3 87.9		87.9		87.9	87.9
≥ 10000 ≥ 9000	89.8 90.7	89.8 90.7	89.0 90.7	89.8 90.7	1	90.7	7.ر9	-	89 • 8 90 • 7		90.7	90.7	90.7		90.7	90.7
≥ 8000 ≥ 7000	93.5 96.3				90.5			93.6 96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 6000 ≥ 5000	90.5 99.3		99.5	99.5	99.5		99.6	99.6		99.6	99.0	99.4	99.6		99.0	
≥ 4500 ≥ 4000	99.5		99.7	99.7	99.8	90.8	79.8	99.2	99.8	99.8	99.8	99.0	99.8	99.8	99.8	99.3
≥ 3500 ≥ 3000	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	
≥ 2500 ≥ 2000	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	99.9 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1560	99.0	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200		99.7		99.9	99.9	99.9	1.0.0	100.0	100.0	tor.o	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ ≥	99.6	99.8	99.9	99.9	99.9	49.9	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	
≥ 700 2 600	99.6	99.4		99.9	99.9	99,9	100.0	100.0	100+0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.6	99.8		99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.7	100.0	100.0	100.0	100.0
≥ 300	99.0	99.8	99.4	79.9	99,9	99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.U	100.0	100.0	100.0
≥ 100 ≥ 0	99.6															100.0

TOTAL NUMBER OF OBSERVATIONS....

USAF ETAC -0.04 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE

W.

DATA PRUCESSING BRAKCH USAF ETAC AIR YEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4

DAVIS MUNITHA'S AFB ANIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS IST

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES:						
FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1%	≥1%	≥1	≥ 1,	≥ 5-,	≥ 'n	≥5 16	≥ %	≥0
NO CEILING ≥ 20000	79.d 82.8	17.7	79.9 83.9								1	79.0 83.9				1 ' '
≥ 18000 ≥ 16000	84.0 84.7	34.7	84.0 84.7	64.0 (4.7		84.0 84.7	• • •					84.7			54.0	
≥ 14000 ≥ 12000	87.7 91.7	87.7 91.7	87.7 91.7		87.7 91.7	d7.7	97.7	87.7 91.7		37.7 91.7	87.7	87.7	87.8	87.8 91.7	87.8	87.8
≥ 10000 ≥ 9000	93.2 94.1	93.3 94.2	93.3 94.2	93.3 94.2	93.3 94.2	93.3				1		93.3	93.3 94.4		93.3	
≥ 8000 ≥ 7000	95.7 97.5	95.8 97.5	95.8 97.5				97.6		95.8 97.6			95.P	90.0	95.8 97.6		
≥ 6000 ≥ 5000	99.4		99.6		99.1 99.6	99.1 99.6		99.1 99.6	99.1 99.6	99.1 99.6		99.4	99.1 99.6	99.1 99.6	99.1 99.0	
≥ 4500 ≥ 4000	99.5 99.6	99.7	99.8	99.8		99.7 99.8		99.7 99.8	99.7 99.8		99.8		99.7	99.7 99.8		
≥ 3500 ≥ 3000	99.5 99.6	99.7	99.8	99.8	99.8		99.9	99.9	99.9 99.9			99.9		99.9 99.9		
≥ 2500 ≥ 2000	99.6 99.6	99.8	99.0	99.8		99.9 99.9	99.9	99.9		99.9	99.4	99.0	99.9	99.9 99.9		
≥ 1800 ≥ 1500	99.6 99.6	99.8	99.0	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9 99.9		99.9	
≥ 1200 ≥ 1000	99.7	99.8	99.9	,9,9	99.9	99.9	100.0	99.9 100.0	100.0	100.0	100.0	100.4	100.0	100.0	100.0	99.9 100.0
≥ 900 ≥ 800	95.7	99.8	99.9	97.9	99.9 99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 700 ≥ 600	99.7 99.7	99.3	99.9	99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	igo.n	100.0	100.0	170.0	100.0
≥ 50G ≥ 400	99.7 99.7	99.5	99,9	9.9	99.9	99.9	10000	100.0	100.0	100.0	100.0	100.0	100.u	100.0	100.0	100.0
≥ 300 ≥ 200	99.7	99.8	99.4	99.9	99.9	7.0 0	120.0	100.0 100.0	100.0	100.0	100.1	lon. 1	100.0	100.0	100.0	100.0
≥ 100	99.7	99.3			99.9	99.9	100.0 11.00	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.1	100.0	100.0 10^.0	100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS,

USAF ETAC 1094 0-14-5 (OL A) PREVIOUS ENTITIONS OF THIS FORM APE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC "TR WEATHER SERVI, TIMAC

CEILING VERSUS VISIBILITY

23109

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3

DAVIS MUHIHAH AFB AKIZUNA (TUCSDA) 41-45,48-75

LIC I

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ 34	≥%	≥ ⅓	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	83.1 87.6	63.1 97.7	83.1 87.7	63.1 87.7	83.1 67.7	83.1 87.7		87.7		83.2 87.7	83.2 87.7			83.2 87.7		83.2 87.7
≥ 18000 ≥ 4000	87.8 88.4	87.9 88.5	87.9 38.5	87.9 88.5	87.9 88.5			7 7 7	87.9		87,9 88.5		87.9 88.5		87.9 88.5	87.9 88.5
≥ 14000 ≥ 12000	89.9	39.9 92.2	89.9 92.3	9.9 92.3	39.9			89.9 92.3	89.9 92.3		90.J 92.3			90.0 92.3		1
≥ 10000 ≥ 9000	73.2 93.9	93.3	93.3 94.0	93.3	94.0	-		93.3 94.0	94.0		93.4			93.4	93.4	93.4
≥ 8000 ≥ 7000	95.0 96.4	95.0	95.0	95.0 96.5			-		95.0		95.1		95.1	95.1		95.1
≥ 6000 ≥ 5000	97.1 98.8	97.8	97,6	i .	97.8 99.0			97.9	97.9		97.9		97.9 99.1	97.9	97.9	97.7
≥ 4500 ≥ 4000	99.0	99.1	99.2		99.2	99.2	99.2	99.2	99.2		99.2		99.4	99.2		
≥ 3500 ≥ 3000	99.4	99.2 99.6	99.6	99.6 99.7	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.1	99.7	99.7	
≥ 2500 ≥ 2000	99.5	99.7 59.7	99.1		99.7 99.8	99.7 99.8	79.3 99.9			99.8					99.8	
≥ 1800 ≥ 1500	99.5 99.5	99.7							99.9		99.7	-			99.9	
≥ 1000 ≥ 1000	99.5	99.7 99.8									49.9 100.0					99.9 100.0
≥ 900 ≥ 800	99.5 99.5	99.8					99.9	99.9	51.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.5 99.5	79.8 99.8	- 1			99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.5 99.5	99.3			99,9 99,9				-		100.0 100.0					100.0
≥ 300 ≥ 260	99.5	99.3	99.8 99.8		99.9											100.0
≥ 100 ≥ 0	99.5	-	99.8 99.0		99.9										ì	100.0

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB RIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ ⅓	≥ ⅓	≥ 5, 16	≥ ¼	≥0
NO CEILING ≥ 20000	79.8 86.6	79.9 86.7	79.9 86.7	79.9	79.9	19.9		\$0.0 86.8	80.0 86.8	80.0 86.8	80.0 86.8	80 • 0 87 • 8	80.0 80.3	86.8	80.0 86.8	80.0 86.8
≥ 18000 ≥ 16000	87.0	87.1 88.1	87.1 88.1	67.1 68.1	87.1 88.1	87.1 88.1	37.1 88.1	87.2 88.2	87.2 88.2	87.2 88.2	87.2 88.2	87.2 88.2	87.2 88.2	87.2 88.2	87.2 88.2	87.2 83.2
≥ 14000 ≥ 12000	89.5 91.2	J7.0	89.0 71.3	89.6 91.3	89.6	89.6 91.3	89.5	39.7 91.4	89.7 91.4	89.7 91.4	89.7 91.4	87.7 91.4	89.7	89.7 91.4	89.7	89.7 91.4
≥ 10000 ≥ 9000	92.2 92.8	92.3	92.4	92.4	92.4	93.0	92.4	92.5	92.5	92.5	92.5	92.5 93.0	ز.92 0.69	92.5	92.5 93.0	92.5 93.0
≥ 8000 ≥ 7000	93.5	93.6	93.7	93.7	93.7	93.7 94.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7		93.8
≥ 6000 ≥ 5000	90.5	96.6 98.1	96.7	96.7	96.7 98.2	96.7 98.2	90.7	96.8	96.8	96.8 98.3	96.8	96.8	96.8 98.3	96.8 98.3	96.8	96.8
≥ 4500 ≥ 4000	98.3 98.7	98.4 98.9	98.5	98.6	98.6	98.6	90.0	98.6	98.6 99.1	98.6 99.1	98.6 99.1	98.6	98.0	98.6 99.1	98.6	98.7
≥ 3500 ≥ 3000	98.8 99.0	99.0 99.2	99.0		99.1	99.4	99.2	99.2	99.2 99.4	99.2 99.5	99.2	99.7	99.2	99.2	99.2 99.5	99.2 99.5
≥ 2500 ≥ 2000	99.1	99.3 99.4	99.4	99.4	99.5	99.5 99.6	99.5	99.6	99.6	99.6 99.7	99.0	99.6	99.0	99.6	99.6	99.6
£ 1800 ≥ 1500	99•2 99•2	99.4 99.4	99.5	99.6 99.6	99.0	99.6		99.7 99.7	99.7	99.7 99.7	99.7	99.7	99.7	99.7 99.8	99.7 99.8	99.7 99.8
≥ 1200 ≥ 1600	99.2	97.5	99.6	99.6	99.7	99.7		99.8	99.8		99.8	99.8 99.8	99.8	99.8		
≥ 900 ≥ 800	99.2 99.3	99.5	99.0	` ;	99.7	99.7 99.8		99.8	99.8		99.8	99.8 99.9	99.9		99.9	99.9
≥ 70C ≥ 600	99.3	99.5 99.5	99.7	99.7 99.7	99.8	99.8 99.8	79.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	
≥ 500 ≥ 400	99.3 99.3	99.5 99.5	99.7	99.7	99.8 99.8	99.8		99.9				99.9			99.9	99.9 100.0
≥ 300 ≥ 200	99.3 99.3	99.5 99.5	99•7 99•7	99.7	99.8 99.8	99.8 99.8	' '	99.9			99.9 99.9	99.9	99.9 100.0			100•0 100•0
≥ 100 ≥ 0	99•3 99•3	99.5 99.5	99.7 99.7	99.7 99.7	99.8	7 "				99.9 99.9	99.9		100•0 100•0			

TOTAL NUMBER OF OBSERVATIONS____

DATA PROCESSING BRANCH USAF ETAC ALP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNITIAN AFB ARTADNA (TUCSON) 41-45,48-7)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
+FEET+	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ⅓	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING	71.9	12.0	72.0	72.1	72.1	/2.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	79.9		1.08	80.1	80.1		3., . 1	30.1	80.1	80,1	80.1	80.1	80.1	30.1	30.1	80.1
≥ 18000	80.5	80.6	80.7	εn.7	80.7	80.7	83.7	80.7	80.7	80.7	30 • 7	80.7	80.7	80.7	80.7	80.7
≥ 16000	81.6		81.8			81.8			81.8			81.H	81.6		81.3	81.8
≥ 14000	84.0		84.1	84.1	84.1	84.4	84.2	34.2	84.2	84.2	34.2	84 • 2	84.2	84.2	84.2	84.2
≥ 12000	86.4				86.7				86.7			36.7	86.7	86.7	86.7	36.7
≥ 10000	88.0		83.2	88.3	88.3	88.3	30.3	86.3	88.3		1	88.3	88.3		88.3	88.3
≥ 9000	88.5					88.8	8 . 8					88.0	88.0	88.8		
≥ 8000	89.5		89.7		89.7	89.7	84.8	80.4				89.5	89.0	89.8		
≥ 7000	90.0		90.8			90.9						-		90.9		
≥ 6000	92.8		93.1	93.1	93.2	93.2	73.2	93.2	93.2		93.2	93.2	93.2	93.2	73.2	
≥ 5000	95.0		95.3			95.4			95.4				95.4		95.4	
≥ 4500	95.7	95.9				96.1	96.1	96.1	96.1			96.1	96.1	96.1	96.1	90.1
≥ 4000	96.5										97.0					97.1
≥ 3500 ≥ 1000	97.0		97.5	1 7 7 7 8		97.6			97.6			97.6		97.7	97.7	97.7
	97.7	98.1	98.2					98.4	98.5				98.5			
≥ 2500 ≥ 2000	90.1		98.7	1	98.8	1	- 1		98.9							
	98.2		98.9					99.1	99.1	99.1		99.1	99.1	99.1	99.2	99.2
≥ 180C ≥ 1500	98.2		98.9			99.1		99.1	99.1	99.2		99.2				
	93.3			99.1		99.2	99.3	99.3	99.3							
≥ 1200 ≥ 1000	98.3) '		99.2	99.3				99.4			99.4	99.4			
	90.3			99.3					99.5			99.5				
≥ 900 ≥ 800	98.3											99.6				
	98.4							59.6				99.6			99.7	
≥ 700 ≥ 600	93.4						-		99.6			99.7			99.7	
	98.4						99.0		99.0	·		99.7				
≥ 500 ≥ 400	98.4							99.7	99.7					₹	-	
			99.3		99.0	99.6		99.7	99.7	-ئ						
≥ 300 ≥ 200	98.4		99.4	7 7 7 11			99.7	99.7	99.8	-	99.8	99.A				1
	98.4		99.4	L		99.6		99.3			99.7				99.9	
≥ 100 ≥ 0	98.4		99.4	99.5				99.4	99.8		1	99.5			100.0	
	70.4	77.1	2204	97.0	77.0	79.0	99.3	7701	77.0	77.7	1707	7707	77.9	7	<u> - 70 = 0</u>	n vost.

TOTAL NUMBER OF OBSERVATIONS ______ 23711

USAF ETAC FORM O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHARI AFB AKIZONA (TUCSON) 42-40,48-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING						***************************************	VISI	BILITY (STA	TUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥ 2	≳ነ%	≥1¼	≥1	≥ ¾	≥%	≥ ⅓	≥ 5/16	≥¼	≥0
NO CEIU:4G ≥ 20000	76.6 81.6	76.6	76.0 81.0	76.6	76.6	76.6 51.7	81.7	76.5 81.7	76.6 81.7	76,6 81.7	81.7	75.6	81.7	76.6 81.7	91.7	76.7 81.7
≥ 18000 ≥ 16000	81.9 82.5	01.9 82.5	81.9	1.9 2.5	81.9	\$1.9 82.5	81.9 42.6	81.9 82.6	81.9 82.6	81.9 87.6		81.9 82.1	82.0	81.9 82.4	82.0	82.6
≥ 14000 ≥ 12000	86.2	84.7	84.7 86.2	16.2	84.8	46.2	84.8 80.2	84.8 86.2	84.8	84.8 85.2	84.8	84.8	86.2	84.8	84.8	86.3
≥ 10000	87.7 88.0	87.7	87.7 88.0	89.1	87.8 88.1	87.8 88.1	87.8	87.8 89.1	87.8 88.1	87.8	1.68	87.8 88.1	88.1	87.8 88.1	88.1	87.8
≥ 8000 ≥ 7000	88.9 90.2	88.9 90.2	88.9 90.2	38.9	90.3	90.3	90.3	90.3	90.3	88.9 90.3	90.3	90.3	90.3	90.3		90.3
≥ 6000 ≥ 5000	92.4	92.5 94.3	92,5	92.5	94.4			92.6	92.6	97.6	92.6	94.4	94.4	92.6	94.4	92.6
≥ 4500 ≥ 4000 ≥ 3500	94.8 96.1 96.6	95.1 96.5 97.0	95.2 96.7 97.1	95.3 96.7 97.2	95.3 96.8 97.2	96.8	99.3 95.8 97.2		95.3 96.8 97.2	95.3 96.8 97.2	95.3 96.3 97.2	95.3 96.8 97.2	95.3 96.3 97.2	95.3 96.8 97.2		95.3 96.9
≥ 3000 ≥ 2500	97.1	97.7	97.9		98.4	98.0		97.2 98.1 98.4	98.1	98.1 98.5	98.5	98.1	98.1	98.1 98.5	98.2	98.7
≥ 2000	97.7	98.4			98.7	98.7		98.8		98.8	98.3	98.8	98.0	99.H	78.9	98.9
≥ 1500	97.9	98.7	99.0	, 1	99.4	99.1	99.2	99.2	99.2		99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.2 98.3	99.0	99.4		99.5		99.5	99.5	-	99.6		99.6	99.6	99.6		
≥ 800 ≥ 700	98.3 96.3	99.1 99.1	99.4	99.5	99.5		99.6		99.6				99.6	99.6	99.7	99.7
≥ 600	98.3	99.1	99.4	99.5	99.6		99.6	99.6			99.7	99.7		99.7	99.7	99.7 99.8
≥ 400 ≥ 300	98.4	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8				99.8		99.8 100.0
≥ 200	95.4 95.4	99.2	99.6	99.6	99.8	99.8	97.9	99.9	99.9	97.9	99.9	99.0	100.0	100.0	100.0	100.0 100.0
≥ 0	98.4	99.2	99.0	99.6	99.8	79,9	79.9	99.9	99.9	99.9	99.9	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.....

3018

DATA PROCESSING BRANCH USAF LIAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23109

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DAVIS MUNITHAR AFR ANIZONA (TUCSON) 42-46,48-71,73-76

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (151)

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)			-			
(FEET)	≥10	≥۵	≥5	≥ 4	≥3	≥2%	≥ 2	21%	≥1¼	≥1	≥ ¼	≥ %	≥%	≥ 5/16	2.14	≥0
NO CEILING ≥ 20000	76.1 80.7	76.1 83.7	76.2 50.7	76.2 30.7	76.2 80.7	76.2 80.7	70.2 80.7	76.2 80.7	70.2 80.7	76.2 80.7	76.2 80.7	76.7 80.7	76.2	76.2 80.7	76.2 80.7	
≥ 18000 ≥ 16000	81.1 82.2	31.1 37.2	81.1 82.3	81.1 92.3	32.3	62.3	31.1	81.1	81.1	01.1 82.3		82.7	81.1	81.1		81.1
≥ 14000 ≥ 12000	34.7 80.9	34.8	84.8 86.9	.6.9	84.6	84.8 86.9	84.8	86.9	84.8	84.8 66.9	36.9	84.9 86.9	34.8 86.9	84.8 86.9	80.9	84.8
≥ 10000 ≥ 9000	88.4					89.4 38.9	яв.9	88.4 88.9	88.4	81.4 88.9	RB.9	88.4		88.4		88.4
≥ 8000 ≥ 7000	90.2	59.6 90.3				89.6 90.3	311.6		90.3	89.6 90.3	90.5	69.6 90.1	90.5	90.3	90.3	90.3
≥ 6000 ≥ 5000	92.5 94.3	92.6 94.5	92.6	94.5	94.6	92.6				94.6	94.0	92.6 94.6		94.6	94.6	
≥ 4500 ≥ 4000	94.7	94.9	95.0	96.2	95.0 96.2	95.0 96.2	32.0	95.0 96.2	95.0		96.2	95.0		95.0	96.2	96.3
≥ 3500 ≥ 3000	90.6	96.8	97.5			97.0 97.9	97.9		97.0 97.9		97.9		97.9		97.9	97.9
≥ 2500 ≥ 2000	97.7	97.1	98.4 98.4	13.4	98.3 98.5	98.3	98.3 98.5	98.3 98.5	98.5	98.5	98.5	98.3			98.3	98.6
≥ 1800 ≥ 1500	97.8		98.4 98.0	38.6		98.8	96.6			98.8	98.8	98.6	98.6	98.8		98•8
≥ 1200 ≥ 1000	98.0	99.0	98.7	78.8 99.2	99.3	98.9	96.9			99.4	99.4	98.9				99.4
≥ 900 ≥ 800	98.2	99.0		99.2	99.3	99.4		99.4	99.4	99.4			99.4		99.4	99.4
≥ 700	98.2	99.1	99.3		99.4	99.4		99.5			99.5	99.4 99.5		99.4 99.5 99.7	99.4 99.5 99.7	99.5
≥ 500 ≥ 400	98.4 90.4	99.3	99.5	99.6	99.7	99.6 99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	98.4	99.3	99.6	99.6	99.7	99.8 99.9	99.8	99.8	99.8	97.9	99.9	99.9	99.9	99.9	99.4	100.0
≥ 100 ≥ 0	98.5		_ : " "													100.0

TOTAL NUMBER OF OBSERVATIONS ...

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 - 1

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHALL AFE ANTADNA (TUCSON) 42-40,48-71,73-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-0300 HOURS (LST.)

CEILING					•		VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1¼	≥1	≥ ¾	≥ ¾	≥ ⅓	≥ 5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	73.3 79.3	73.4	73.5	73.6 19.5	73.0 79.5	73.6 79.5	75.6 79.5	73.6 79.5	73.6 79.5		73.6 79.5	73.6 79.5	73.0 75.5	73.6 79.5	73.0 79.5	73.6 79.6
≥ 18000 ≥ 16000	80.0 81.2	80.0 51.2	81.3	30.2	80.2 81.4	80.2 81.4	30.2	80.2 81.4	80.2 81.4	80.2 81.4	80.2	80.7 81.4	80.2 81.4	80.2 81.4		
≥ 14000 ≥ 12000	8 2. 7 86 . 3	83.7 86.1	83.8 80.4		83.9 C.68	83.9 84.5	20.5	83.9 86.5	83.9 86.5	86.5		83.9	83.9 86.5	83.9		86.6
≥ 10000 ≥ 9000	87.3	87.4 87.9			87.6	87.6 88.1	37.6	87.6 88.1	87.6 88.1	88.1	87.0	87.1	87.6 88.1	88.1	98.1	88.1
≥ 8000 ≥ 7000	86.8	88.9		90.1	89.1 90.2	89.1 90.2	89.1	90.2	87.1 90.2	89.1 90.2	90.2	89.1 90.2	89.1 90.2	89.1 90.2	99.1 90.2	90.2
≥ 6000	92.1 93.d	92.2		94.1	92.4	92.4 94.1	92.4	92.4 94.1	92.4	92.4	92.4	92.4	92.4 94.1	92.4	92.4	92.5
≥ 4500 ≥ 4000 ≥ 3500	94.9 95.8 96.2	95.1 95.9 96.4			95.3	95.3	95.3	95.3 96.2	95.3	95.3 96.2	96.2	95.3	95.3	95.3	95.3	95.3
≥ 3000	96.9	97.2 97.3	96.5 97.5		96.6 97.5 98.1	96.6 97.5 98.1	97.5	96.6	96.6 97.5	97.5	97.5	96.6	97.5	97.5	96.6	97.5
≥ 2000	97.5 97.3	98.2 98.2			98.7	98.6	98.1 98.6 98.7	98 • 1 98 • 6 98 • 7	98 • 1 98 • 6 98 • 7	98.1 98.6 98.7		98.1 98.6 98.7	98.1 98.0 98.7	98.1 98.5 98.7	98.1 98.5	98.1 98.6 98.7
≥ 1500 ≥ 1200	97.9	98.4	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0		99.0		99.0	99.0
≥ 1000	90.1 98.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2		99.2	99.2	99.2		99.3
≥ 800	9d.1	98.6	98.8	- 1	99.2	99.2	99.2	99.2	99.2	99.2			99.2	99.2	99.2	99.3
≥ 600	98.2 98.2	98.7 98.8	98.9		99.4	,	99.4	99.4	99.4	99.4	99.4		99.4	99.4	99.4 99.5	99.4
≥ 400 ≥ 300	98.3	98.8	99.1	99.4		99.5	39.7	99.6	99.6	7 1	99.7		99.7	99.7	99.1	99.8
≥ 200	98.3	98.9	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.0	99.8	99.8	99.8	99.8	99.9
≥ 0	98.3	98.9		99.5	99.6		99.7	99.7	99.7	99.8		99.8	99.9		. ,	100.0

TOTAL NUMBER OF OBSERVATIONS 3023

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AT DES-

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICETIAC

CEILING VERSUS VISIBILITY

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DAVIS MUNCHAN AFE ANIZONALTUCATED 42-46,48-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (CS.F.

CEILING							VISI	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	21%	≥1¼	≥ı	≥ 1,4	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	69.9			70.2	70.2	70.2	73.2	70.3	70.3	77.3		70.3			79.3	70.3
	70.5		78.9	\longrightarrow		78.9				79.0					79.0	
≥ 18000	79.5	79.6		19.7			7).6	79.8						79.3		79.8
≥ 16000	80.7	80.4		41.0			81.0					81.1				
≥ 14000	83.7	3.8						84.0		_		84.7		84.0		84.1
≥ 12000	86.3	-					80.0									86.7
≥ 10000	87.3	87.4		07.6		87.6		87.7	87.7	87.7				87.7		87.7
≥ 9000	87.8			98.1		88.1					88.2			88.2	नध.2	88.2
≥ 8000	88.0	38.8		38.9			37.0	89.7		-		1		89.0		89.1
≥ 7000	89.7		90.0				9.1.1	90.1	90.1					90.1	90.1	90.1
≥ 6000	91.8			92.1	92.1	72.1	92.1	92.2	92.2	97.2			92.2	92.2	92.2	92.2
≥ 5000	93.4		93.6		93.8		53.8	93.9		93.9				-		93.9
≥ 4500	94.3	- 1		94.7	94.7	94.7	94.8	94.8		94.8				94.8		94.8
≥ 4000	95.6	95.9	96.1				90.1			96.2						
≥ 3500	95.9	96.3	96.5	96.5	96.5	96.5	96.5			96.6						96.6
≥ 3000			97.5			97.5				97.6					97.6	
≥ 2500	97.2	97.5				97.9	06.0	98.0	98.0	98.0						98 • 1
≥ 2000	97.5		98.3						98.5				98.5			98.5
≥ 1800	97.6	98.1	98.4	98.4	98.5	98.5	90.5				98.6				98.0	98.6
≥ 1500	97.8	98.3	98.0	98.6	90.7	98.7	98.7	98.8	98.8	98.8	98.6	98.8	98.0	98.8	98.8	98.8
≥ 1200	97.8	98.4	98.7	98.7	98.8	98.8	93.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1000	97.9	98.5	98.8	98.9			99.0		99.1		99.2	99.2		99.7		99.2
≥ 900	97.9	98.5	98+8	98.9	79.0	99.0	79.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2		99.2
≥ 800	98.0	93,6	98.9	38.9		99.0		99.2					99.2	99.2		
≥ 700	98.0	98.6	98.9	99.0	99.1	99.1	39.1	99.3	99.3				99.4	99.4		
≥ 600	98.0	98,6	98.9	99.0	99.1	99.1	99.3	99.4	99.4		99.5		99.5			99.6
≥ 500	99.1	98.7	99.0	99.0	99.1	99.1	29.3	99.5	99.5	99.6	99.6	99.6	99.7	- 1		
≥ 400	98.1	98.7	99.0	99.1	99.2	99.2	94.4	99.5	99.0	99.7	29.7	99.7	99.0	99.3	99.8	99.8
≥ 300	98.1	94.7	99.1	99.2	99.3	99.3	79.5	99.7	99.7	99.8			99.9		99.9	
≥ 200	90.1	98.7	99.1	99.2	99.3	99.3	99.5	29.7	99.7	99.9			99.9		100.0	
≥ 100	98.1	98.7	99.1	99.2	99.3	99.3	99.5	99.7	99.7	99.9	99.9	99.9	99.9	90.9	100.0	100.0
≥ 0	98.1	98.7	99.1	99.2	99.3	99,3	99.5	99.7	99.7	99.9	99.9	99.7	99.9	99.9	100.0	100.0
																

TOTAL NUMBER OF OBSERVATIONS

3019

USAF ETAC 101.04 C-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1: 19

DATA PROCESSING BRAHCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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DAVIS MORTHAN ARB ARIZONA (TUCSON) 42-46,48-71,73-76

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)	···					
(FEET,	≥10	≥6	≥.5	≥ 4	≥3	≥2½	≥ 2	≥1½	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5,16	≥ ¾	≥0
NO CEILING ≥ 20000	68.2 78.5	68.3 78.5		08.3 78.6			რა.3 7ძ.6		68.3 78.6	-	68.3 78.0	68.3 78.7	68.3 78.0	63.3 78.6	68.3 78.6	
≥ 18000 ≥ 16000	79.2 80.7	79.3 ۱۱. ۱۱ن					79.3 Nu.8	79.3 80.8	79.3 80.8	79.3 80.8		79.3 80.8	79.3 80.6		79.3 80.8	
≥ 14000 ≥ 12000	83.7 85.7	83.8 85.8	. * * *	83.8 85.8		83.8 85.9	73.8 5.9	83.8 85.9	83.8	85.9	25.9	83.8				85.9
≥ 10000 ≥ 9000	87.0 87.7		87.0				87.2	87.2			37.9				87.2 97.9	87.9
≥ 8000 ≥ 7000	88.7 89.5		89.5		89.7	89.7	86.8 89.7		89.7	89.7	89.7	88.3	89.7	89.7		89.7
≥ 6000 ≥ 5000	91.7	94.0	94.1	24.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	91.8	94.1	94.1	94.1	94.1
≥ 4500 ≥ 4000	95.0 96.5	96.7		95.1 96.7				96.9	95.1 95.8	96.8		95.2	96.8		95.2 96.8	96.8
≥ 3500 ≥ 3000	97.1 97.7	97.3 97.9			98.1	97.4 98.1	98.1	98.1	97.4 98.1	97.5 98.2	98.2	97.5	98.2	97.5 98.2	97.5	98.2
≥ 2500 ≥ 2000	98.1	98.3	98.7	98.8	90.9	98.9	90.9	98.6		99.0	99.0		99.0	99.0	99.0	99.0
≥ 1800 ≥ 1500	90.4	98.7	99.0	99.0	99.2	99.2	39.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.7 98.8	99.0	99.2	99.3					99.5	99.5	99.5	99.4	99.5	99.5	99.5	99.5
≥ 900 ≥ 800 ≥ 700	98.8	99.1		99.4 99.4		99.6	99.6	99.5 99.6 99.7	99.5 99.6 99.7	99.6 99.7	99.7	99.6 99.7	99.7	99.7	99.7	99.7
≥ 600	98.8 98.9 93.9				99.7			1		99.9	99.9	99.9	99.9	99.9	99.9	
≥ 500 ≥ 400 ≥ 300	98.9	99.2	99.4	99.5				99.9	99.9	99.9	100.0	10).7	100.0	100.0	100.0	100.0
≥ 200	98.9	99.2	99.4	99.5					99.9	99.9	100.0	100.0	100.0	100.0	170.0	100.0
≥ 0	98.9	99.2				99.7									-	100.0

TOTAL NUMBER OF OBSERVATIONS____

3022

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCHUSAF ETAC ATR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

23109 • DAVIS MUNTHA!! AFB ARIZONA (TUCSON) 42-46,48-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							vis	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	21/2	≥1¼	≥ı	≥ ¾	≥ ¾	≥1/5	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	66.4 77.5	66.4 77.5				66.4 77.5	60.4 77.5		66.4 77.5			66.4 77.5				
≥ 18000 ≥ 16000	78.1 80.0	78.1 80.0	78.2 80.1	78.2 80.1	76.2 80.1	79.2 89.1	70.2 83.1	78.2 80.1			78.2 PO.1	73.2 80.1	78.2	78.2 80.1	78.2 80.1	78.2 80.1
≥ 14000 ≥ 12000	83.0 85.4	33.0 65.4	83.0 85.5		83.0 85.5	83.0 85.5	83.0 32.5			-		83.0 85.5	-	83.0 85.5	83.0 85.5	
≥ 10000 ≥ 9000	87.3 86.0	87.3 88.0	98.0		87.4 88.0	87.4 88.0	87.4 48.0	87.4 88.0	87.4 88.0			87.4 88.0	87.4 88.0	37.4 88.0	87.4 88.J	1
≥ 8000 ≥ 7000	89.1 89.9	39.1	89.2 90.0	59.2 90.0	89.2 90.0	89.2 90.0	87.2 90.0	89.2 90.0	89.2 90.0			89.2 90.0	89.2 90.0	89.2 90.0	89.2 90.0	
≥ 6000 ≥ 5000	92.3 95.0	92.3 95.0		92.4 95.2	92.4 95.2	92.4 45.2	92.4	92.4 95.2	95.2	92.4 95.2		92.4 95.2	92.4 95.2	92.4 95.2	92.4 95.2	
≥ 4500 ≥ 4000	95.6 96.6	95.7 96.6		96.8	96.9	95.8 96.9	95.8	- 1	95 • 8 96 • 9	94.8	7 ' 1		96.9		95.8	1
≥ 3500 ≥ 3000	97.2 98.1	97.2 98.2			97.5 98.5		97.5 98.5	98.5		97.5 98.5	97.5 98.5	97.5 98.5			97.5 98.5	97.5 98.5
≥ 2500 ≥ 2000	98.4	90.5 48.9		99.2	99.3	99.3				98.9 .99.3	98.9	98.9	98.9	98.9 99.3	98.9 99.3	
≥ 1800 ≥ 1500	93.7 98.8	98.9	99.3		1		99.5	99.3 99.5	99.3 99.5	99.3	99.5	99.5	99.3	99.3 99.6	99.5	99.5
≥ 1200	95.8 95.9	99.1 99.2		99.5 99.6		99.7			99.7 99.8	99.7 99.8		99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
≥ 900 ≥ 800	98.9 92.9	99.2	99.5 99.5	49.6 49.6			99.8	99.8	99.8	99.8 99.8	99.0			99.8	99.8 99.8	
≥ 700 ≥ 600	99.0	99.2 99.2		99.7 99.7	99.3	99.8		99.3	99.9	99,9	99.9	99.9			99.9	
≥ 500 ≥ 400	99.0	99.3	99.7	99.8	99.9	99.9	(10.0)	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	10.0
≥ 300 ≥ 200	99.0	97.3 79.3	99.7	99.8		99.9	100.0	<u> </u>	00.0	100.0	100.0	00.0	100.0	100.0	10.0	100.0
≥ 100 ≥ 0	99.0	99.3		99.8 99.8	99.9 99.9									100.0		

TOTAL NUMBER OF OBSERVATIONS___

DATA PROCESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3

DAVIS HUNIHA" AFE ANTIONA (TUCSON) 42-46,48-71,73-76

1VH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST

CEILING							VIS	IBI'IIY (ST	ATUTE MIL	ES)	·					
FEET,	≥10	≥6	≥5	≥4	≥3	≥21/2	≥ 2	≥1%	≥14	≥;	≥ 3,4	≥ ¾	≥ 'n	≥5/16	≥ ′4	≥0
NO CEILING ≥ 20000	70.0 79.3	- 1		70.0 79.3	- 1		70.0 79.3				70.0 79.3			70.0 79.3		
≥ 18000 ≥ 16000	79.9 80.9	40.9				79.9 80.9	79.9		79.9		79.9	79.0	79.9	79.9 80.9	79.9	79.9
≥ 14000 ≥ 12000	84.1 36.1	94.1 86.1	84.1 86.1	84.1	34.1 86.1	84.1	84.1 3.1	84.1	84.1	84.1 84.1	34.1 86.1	84.1	84.1 86.1	84.1	84.1	
≥ 10000 ≥ 9000	88.4 89.2	38.4 39.2	88.4	88.4 69.2	88.4	88.4 69.2	96.4	88.4	88.4 89.2	88.4	88.4	88.4	88.4	88.4 89.2	88.4 89.2	88.4
≥ 8000 ≥ 7000	90.0 90.7	90.6 90.7		90.1 20.8	90.1 90.8	90.1	93.8	90.1	90.8	90.1	90.1	90.1	90.1	90.1	90.1	90,1
≥ 6000 ≥ 5000	92.8 94.9		92.9 95.1	93.0 95.1	93.0 95.1	93.0 95.1	93.0 95.1	93.0 95.1	93.0	93.0 95.1			93.0			
≥ 4500 ≥ 4000	96.0 97.1	96.1 97.2	96.1 97.3	96.2 97.3	95.2	96.2 97.4	90.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500 ≥ 3000	97.6 98.1	97.9 98.3	97.9 98.4		98.0 98.5	98.0 98.5		98.C 98.5	98.0 98.5	98.0	98.0		98•∪		98.0	98.0
≥ 2500 ≥ 2000	98.4 98.6	99.3	95.9 99.1	98.9 99.2	99.0	99.0 99.2	99.0	99.0	99.0	- 1	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800 ≥ 1500	98.5 98.8	99.0 99.2	99 • 1 99 • 4	99.2 99.5	99.2 99.5	90.2 99.5	99.3	99.5	99.3	99.3	79.3	99.3	99.1	99.5	99.3	99.3
≥ 1200 ≥ 1000	98.9 98.9	99.4 99.4	99.5	99.6	99.7 99.7	99.7	99.8	99.7 99.8	99.7 99.8	99.7 99.8		99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800	98.9 98.9	99.5 99.5	99.1 99.7	99.8 99.8	99.8	99.8 99.8	99.8	99.8 99.8	99.8	99.8		99.8	99.8	99.8	99.3	
≥ 700 ≥ 600	98.9 98.9	99.5 99.5	99•7 99•7	99.9 99.9	99.9	99.9	77.9	99.9	99.9	99.9		99.9	99.9	99.9		99.9
≥ 500 ≥ 400	98.9		99.7 99.7	99.9 99.9	99.9	99.9	99.9	99.0	99.9	99.9		99.0	99.9	99.9		
≥ 300 ≥ 200	98.9	99.5	99.7	99.9	99.9 99.9	99.9 99.9	170.0	100.0	99•9 100•C	99.9 100.0	79.9 100.0	99.6	99.9 100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.9	99.5	99.7	99.9	99.9	99.9	ا ن ، د L	100.0	100.0	1 0.0	100.0	100.0	100.0	100.0	100.0	100.0

700

TOTAL NUMBER OF OBSERVATIONS. ...

3020

USAF ETAC 1/CPM 0-14-5 (OL A) MEVIQUE EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

A.

DAVIS MUNTHAN AFR AFIZONA (TUCSON) 47-46,48-71,73-76

MAL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS ILST

CEILING							VIS	BILITY (STA	TUTE MILI	ES)						
:EEET:	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥1¼	≥1	≥ 1%	≥%	≥ ⅓	≥ 5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	74.6 80.8	74.5	74.6 80.0	74.6 30.8	74.6	74.6		74.6 80.8	74.6 80.8	74.6 80.8	74.6 30.6	74.5 80.5	74.6 80.8	74.6 80.8	74.6 80.8	
≥ 18000 ≥ 16000	81.5 32.1	نا . 5 1 . 2 د 1	81.5 82.1	31.5 62.1	81.5	81.5 82.1	81.5 82.1	81.5	81.5	81.5	R1.5	81.5	81.5 82.1	81.5 82.1	81.5	81.5
≥ 14600 ≥ 12000	84.5 86.3	54.5 56.3	84.5 86.3	34.5 36.3	84.5 86.3	54.5 85.3	84.5 86.3	84.5 86.3	84.5 86.3	84.5 86.3	84.5	84.5 86.3	84.5	84.5 86.2	84.3	86.3
≥ 10000° ≥ 9000	88.1 89.0	88.1	88.1 89.0	88.1 59.0	88.1 89.0	88.1 59.0	38.1 85.0	68.1 69.0	88.1 89.0	88.1 89.0	88.1 89.J	88.1 69.6		88.1 39.0	89.0	88.1
≥ 8000 ≥ 7000	90.0 91.1	90.0 91.1	90.0 91.1	90.0	90.0 91.1	90.0 91.1	20.0 91.1	90.0 91.1	70.0 91.1	90.0 91.1	90.0 91.1	90.0	90.0 91.1	90.0 91.1	90.0	91.1
≥ 6000 ≥ 5000	93•3 95•3	93.3 95.4	93.3 95.4	93.3 95.4	93.3 95.4	93.3 95.4	1	93.3 95.4	93.3 95.4	93.3 95.4	93.3 95.4	93.3	93.3 95.4	93.3 95.4	93.3 95.4	95.4
≥ 4500 ≥ 4000	96.3 97.3	90.4 97.5	96.4 97.6	97.6	97.6		97.0			96.4 97.6	96.4 97.6	96.4	96.4 97.6	96.4 97.6	96.4 97.6	97.6
≥ 3500 ≥ 3000	97.8 98.2	97.9 98.4	90.1 98.6		98.1 98.6		98.1 98.7	98•1 98•7		98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.7
≥ 2500 ≥ 2000	98.5 9J.7	98.8 99.0	99.U	99.3	99.3	99.1 99.3		99.1 99.4	99.4	99.4	99.1 99.4	99.4	99.1 99.4	99.1 99.4	99.1 99.4	
≥ 1800 ≥ 1500	96.8		99.5	99.4		99.5	99.6		99.6		99.4	99.4	99.4	99.4 99.6		99.6
≥ 1200 ≥ 1000	99.0 99.0	99,4				99.7 99.7	99.7	99.7	99.7		99.7	99.7 99.7		99.7		99.7
≥ 900 ≥ 800	99.0	99.4		99.7			99.7		99.7 99.7	99.7	99.7			99.8		
≥ 700 ≥ 600	99.1 99.1	99.4	99.7	99.7	99.7 99.7	99.7	99.8	99.8		99.8		99.8	99.0	99.8	99.8	99.8
≥ 500 ≥ 400	99.1	97.5 99.5		99.7 99.7	99.8 99.8	99.8	29.8	99.8						99.9	99.9	99.9
≥ 300	99.1	99.5		99.7		99.9	93.9	99.9	99.9	99.9		99.9	99.9 106.0	100.0	100.0	
≥ 100	99.1 99.1	99.5	99.7 99.7	99.7 39.7	99.9 99.9	-		34.9		•						100.0

TOTAL NUMBER OF OBSERVATIONS,...

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNITIAN AFS ANIZONA (TUCSON) 42-45,48-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5000-0200

CEILING						_	VIS	BILITY (STA	ATUTE MILI	ES)						
FEET.	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ 1,4	≥%	≥ ⅓	≥ 5/16	≥ 1/4	≥0
NO CEILING ≥ 20000	70.1 83.8	78.1 83.8	78.2	78.2 83.9	78.2 85.9	78.2 83.9	72.2 9.د ت	78.2 63.9	78.2 83.9			73.7 84.0	78.2 84.0	78.2 84.0	78.3 84.0	78.3 84.1
≥ 18000 ≥ 16000	34.0 84.6	84.0 84.6	-	64.1	84.1	64.1 84.7	34.1	64.1 84.7	84.1	84.1 84.7	84.1	84.1	84.1 84.7	84.7	84.2 84.8	84.2 84.8
≥ 14000 ≥ 12000	86.6	86.6 69.2		36.7	86.7	86.7	90.3	36.7 89.7	86.7 89.3	86.8		86.2 89.4	86.8 89.4	86.8 89.4	86.8 49.4	85.8 89.4
≥ 10000 ≥ 9000	91.3 92.0	91.3 92.0		91.4 92.1	92.1	91.4 92.1	91.4	91.4	91.4 92.1	91.5 92.1			91.5 92.1	91.5 92.1	91.5 92.1	91.5
≥ 8000 ≥ 7000	92.4	92.4 93.5		72.5 73.6	92.5 93.6	92.5 93.6			92.5	92.5 93.6	-	92.5			92.6	92.6 93.7
≥ 6000 ≥ 5000	95•5 97•3			95.6 97.4			97.4	1		95.6 97.5		95.6 97.5		95.6 97.5		95.7 97.6
≥ 4500 ≥ 4000	97•7 98•1	97.7 98.1	97.0 98.2			- 1		97.8 98.2	97.8 98.2	97,8 98.2		97.P	97 • 8 98 • 2	97.8 98.2	97.9	97.9 98.3
≥ 3500 ≥ 3000	98.2 98.5	98.2 98.5	98.3 98.0	98.6	98.6		93.3	20.4	98.3 98.6	9R.6	98.6	98.3	98.3 98.6	98.3 98.3	98.7	98.4 93.7
≥ 2500 ≥ 2000	90.7					99.2	99,2	98.0	99.2	99.3	99.3	99.0 99.3	99.3	99.3	99.3	99.4
≥ 1800 ≥ 1500	99.0	99.2		99.4	99.4	99.4	79.4	99.3 99.4	99•3 99•4	99.4 99.4	99.4	99.4	99.4	99.4 99.4	99.4 99.4	
≥ 1200 ≥ 1000	99.0 99.1	99.3	99.5	99.5	99.5			99.4		99.4 99.5	99.5		99.5		99.5	99.6
≥ 900 ≥ 800	99.1 99.1	99.3		99.5	99.5		99.5	99.5 99.5	99•5 99•5	99.5	99.5	99.5	99.5	99.5	99.5	
≥ 700 ≥ 600	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5 99.5	99.5	99.5 99.6	99.6		99.6	99.6	99.0	99.7
≥ 500 ≥ 400	99.2	99.4		99.5	99.5	99.5 99.5		99.6	99.6 99.7	99.7 99.7		99.7	99.7		99.8	99.8
≥ 300 ≥ 200	99.2	99.4		99.5	99.5	99.5		99.7 99.7	99.7	99.7 99.7			99.8	99.8	99.3	
≥ 100 ≥ 0	99.2	99.4		99.5 99.5		99.5 99.5	99.7 99.7	99.7 99.7	99.7 99.7	99.8 99.8			99.9 99.9			100.0 100.0

TOTAL NUMBER OF OBSERVATIONS ...

2622

USAF ETAC 101 4 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIMAN AFB AKIZONA (TUCSON) 42-45,48-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9300-0500 HOURS (LST

CEILING							VIŞI	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	کائ	≥1%	≥1	≥ ¼	≥ ⅓	≥ ⁄3	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	77.5 83.1	77.6 63.1	77.7 83.2	77.7 83.2	77.7 83.2	77.7 83.2	77.7	77.7 83.2	77.7 83.2	77.7 63.2	77.7 93.2	77.7 83.2	77.7 83.2	77.8 83.3	77.8 83.3	83.3
≥ 18000 ≥ 16000	83.4 83.7	83.5 83.7	6.68 83.0	53.5 63.8		83.5 83.8	4.68 9.4.6	83.º	83.5 83.8	83.5 81.8	83.5 83.8	83.5 83.5	83.0 83.8	83.6 83.9	83.0	
≥ 14000 ≥ 12000	85.9 88.4	80.0 88.4	88.5	ს6.0 გ8.5	86.0 88.5	88.5	90.0 PE.5	86.9 68.5	86.0 88.5	80,5	98.5	86.0	86.6 88.5	86.1 88.6	86.1	
≥ 10000 ≥ 9000	90.7 91.6	90.3	91.7	90.8 91.7	90.8	90.8 91.7	91.7	90.8 91.7	90.8 91.7	90.9 91.8	90.9 91.8	91.8	90.9		91.9	91.9
≥ 8000 ≥ 7000	92.0 93.0		92.2 93.1	92.2 93.1	92.2	92.2 93.1	92.2	93.1	92•2 93•1	92.3 93.2	93.2	93.2	92.3	92.4		
≥ 6000 ≥ 5000	94.8 96.3	95.0 96.5	95.1 96.7	95.1 96.7		95.1 96.7	95.1 96.7	95.1 96.9		95.1 96.8			95.2 96.3			95.3
≥ 4500 ≥ 4000	96.8 97.2	97.0 97.4	97.2 97.6	97.2 97.6	97.6	97.6	97.2		97.6	97.3 97.7	97.7	97.3	97.7	97.8		97.9
≥ 3500 ≥ 3000	97.8 97.8	97.6 98.0		97.8 98.2	98.2	98.2	97.8	97.8 98.2	97•8 98•2	97.9 98.3			91.9 98.3	98.0 98.4	98.0 98.4	98.5
≥ 2500 ≥ 2000	98.6	98.8 98.8		98.7 98.9		99.0	98.8				99.0	98.9	99.1	99.0	99.0	99.2
≥ 1800 ≥ 1500	98.0 98.7			99.2	99.2	99.2	99.0	99.0	99.0	99.1 99.3		99.3	99.1 99.3	99.2 99.4	99.2	99.5
≥ 1200 ≥ 1000	98•8 95•9	99.2	99.4		99.4	99.4	99.3		99.4	99.4 99.5	99.5	99.6	99.4	99.5	99.7	99.7
≥ 900 ≥ 800	98.9 98.9		99.4	99.4		99.5	99.5		99.5		99.0		99.6 99.6		99.7	99.7
≥ 700 ≥ 600	93.9 98.9		99.4			99.5	99.5	99.5		99.6	99.0	99.4		99.7 99.7	99.7	
≥ 500 ≥ 400	96.9 98.9		99.4		99.5	99.5	99.5	99.7	99.7	99.7		99.7	99.6	99.7		99.7
≥ 300 ≥ 200	96.9 94.9		99.4	59.4		99.5	99.7		99•7 99•7	99.7 99.7	99.7	99.7	99,8		99.9	100.0
≥ 100 ≥ 0	98.9 98.9			99.4 99.4	- 1	99.5 90,5	99.7	99.7 99.7	99.7 99.7	99.7 99.7					- 1	100•0 100•0

TOTAL NUMBER OF OBSERVATIONS ________

USAF ETAC 10PM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF &TAC AIR WEATHER SERVICE/" C

CEILING VERSUS VISIBILITY

DAVIS MUNIMAN AFB ANIZONA (TUCSON) 42-45,48-71,73-76

FE &

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000

CEILING							VISI	BILITY (ST)	TUTE MILI	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ 1,4	≥ %	≥%	≥ 5/16	≥ '₄	≥0
NO CEILING ≥ 20000	73.9 30.8			74.1 81.0				74.2 81.1	74.2 81.1	74.2 81.1	74.2 31.1	74.2 81.1	74.3 81.1	74.3 81.1		81.1
≥ 18000 ≥ 16000	81.3 82.2	07.3		02.4	81.6	82.5	72.5	82.5	82.5	82.5		82.5	82.6			
≥ 14000 ≥ 12000	84.4	37.3	87.4	87.4	87.0	87.0	97.6	87.6	84.6		87.0			84.7 87.5		
≥ 0000	89.1			20.1			9.1.2		89.5 90.2		90.3		90.3	90.3	90.3	90.3
≥ 8000	90.7	90.9	92.2	42.2	92.4	92.4	9/04	92.4	92.4	91.2	92.4	92.4	92.5		92.5	92.5
≥ 6000 ≥ 5000	93.6	95.J	93.9	16.1		96.2	05.2	96.3			7623		90.3		96.4	
≥ 4500 ≥ 4000	90.3	96.8		97.0		97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.0	97.4	97.4	97.0 97.4 98.0
≥ 3500	97.2	97.8	97.9	98.0	98.1	98.1	95.2	98.2	90.2	98.2	97.9	98.3	97.9	98.4		
≥ 2500 ≥ 2000	98.1	98.2 98.6		98.8		98.9	99.0	99.0	79.0	99.0		99.1	99.1	98.7 99.2	99.2	99.2
> 1800 ≥ 1500	98.1	93.5 98.8 93.9	98 • 7 98 • 9	98.9	99.0	99.2	99.2	99.1 99.3	99.1	99.3		99.4	99.4		99.4	99.5
≥ 1200	90.3 50.4	98.9	99.1	99.2	99.3 99.4 99.4	99.4	99.4		99.4 99.4		99.5	99.5	99,5	99.6		
≥ 900 ≥ 800	90.4 98.4 95.4		99.2	39.3 99.3		19.4		99.5	99.5	99,5	99.0	99.6	99.7	99.7	99.7	
≥ 700 ≥ 600	98.4 98.4	99.0	99.4	99.4		99.5	99.5	99.6	99.0	90.6	99.7	99.7	_	99.7	99.7	
≥ 500 ≥ 400 ≥ 300	98.4	99.0	99.2	99.4	99.5	99.5		99.7		99.7	99.0	99.8	99.0	99.9	99.9	,
≥ 200	90.5	99.6	99.2	99.4	99.6		24.7	99.7	99.7	99.7	99.0	99.2	99.9	99.9	100.0	100.0
≥ 100 ≥ 0	90.5				99.6											100.0

TOTAL NUMBER OF OBSERVATIONS .

2629

USAF ETAC 10164 0-14-5 (OL A) PPENOUS ENTINES OF THIS FORM ARE OF SOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEPVICE / TAC

CEILING VERSUS VISIBILITY

23109 DAVIS MULTHAN AFE ANIADRA(TUCS III) 92-45,48-71,73-70

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

090J-1100

CEILING IFEET		VISIBILITY STATUTE MILES														
	≥10	ه≤	≥ 5	≥ 4	≥ 3	≥2′2	≥ 2	≥1:2	≥ '•	≥1	≥ 14	وا پ	2 7	≥5 16	≥ .	≥0
NO CEILING 2 20000	71.8 81.3	1	81.4		81.4		3 . 4	81.4	81.4	81.4		81.4	A 4	81.4	81.4	81.4
≥ 18000 ≥ 16000		57.1 53.6	82.2	32.2	83.7	63.7	5 ,. 7		82.2	87.7	83.7	82.7		83.7	83.7	82.2
≥ 14000 ≥ 12000	87.8			35.5 3.0		dh.1	ن. ن	35.5 68.0	85.5	88.0	88.0	59 · 1	88.0		85.5 98.0 89.9	
≥ 10000	89.0 89.9	90.1		59.9 90.1	90.1	90.1	90.1	69.9 90.1 90.8	89.9 90.1	90.2		90.2	90.2	89.9 90.2	90.2	90.2
≥ 8000 ≥ 7000 ≥ 6000	71.5	91.5		91.7	91.7	91.7	91.1	91.7	94.0	91.7	91.7	91.7	91.7	91.7	91.7	
≥ 4500 ≥ 4500	92.7	96.6	90.1	96.1	90.1	96.1	170.1	96.1	96.1	96.2	97.0	96.2 97.0	90.2	94.2	96.2	96.2
≥ 4000	97.0	97.3	97.0	27.6	97.6		97.0	97.6	- 1		97.7	97.7	97.7		97.7	97.7
≥ 3000	97.1	98.4	98 - 7	28.7	98.0		9 9	94.9	98.4	1	98.9	99.0 99.1	98.4	98.9		99.1
≥ 20uC ≥ 1800	93.4			99.0		99.2	99.2	99.2	99.2	99.3 99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	93.5 98.0		99.3							99.6	99.5		99.6	99.5	99.0	99.6
≥ 1000	98.6	99,2	99.4	49.4	99.5		99.0		99.6	99.7	99.7	99.7 57.7	39.7		99.7	99.7
≥ 800 ≥ 700 ≥ 600	96.7	99.2	99.4	99.4	99.5	99.5	94.0	99.6	99.6	99.7	99.7		99.7	99.7	99.7	99.7
≥ 55° ≥ 40	96.7		99.5	99.5	99.6	9.5 99.6 99.6	99.7	99.7	99.7	99.8	99.7 99.8 99.8	99.8	99.7 99.8 99.8			99.8
≥ 300 ≥ 200	98.7 98.7	_	99.5 99.5	99.5	99.7	99.7	99.7	90.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	
≥ 100 ≥ 0	98.7	97.2			99.7	99.7	34.7	99.8	99.8	79.9		99.9	99.9	99.9	100.0	100.0

YCTAL NUMBER OF OBSERVATIONS _____ 2625

USAF ETAC 10164 0-14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING BRANCH USAF LIAC AIP WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

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A.

DAVIS MUNIHAM AFR ARTZUNA (TUCSEN) 42-45,48-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥21⁄2	≥2	≥1'5	≥1¼	≥!	≥ 14	≥,,	≥ %	≥ 5,16	≥ '₄	≥0
NO CEILING ≥ 20000	67.5 79.6	67.0 19.7	67.6 79.7	67.6 79.7	67.6			67.7 79.7	67.7	67.7 79.7		67.7	67.7	67.7 79.7	67.7 79.7	
≥ 18000 ≥ 16000	80.2 81.8	80.2	80.2	80.2 81.9	80.2	- • -	30.3 31.9	80.2 61.9	80.3			80.3	80.3	80.3	80.3 41.7	
≥ 14000 ≥ 12000	83.7 85.9	83.7	83.7 86.0	03.7	83.7 86.0	83.8	33.8	63.R	83.8 86.1			83.8	83.6 85.1	83.8	83.3 86.1	83.8
≥ 10000 ≥ 9000	87.3	87.4 87.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4 87.9	97.4	97.4 87.5	87.4	87.4 67.9	37.4 87.9	87.4 87.9
≥ 8000 ≥ 7000	86.6	88.8	88.8	8.88	8.36	8.88	80.8 90.1	88.E	88.8	88.8		98.3	88.8 90.1		88.8	88.8
≥ 6000 ≥ 5000	92.8	92.9	92.9	92.9	92.9	93.0	0.60	93.0	93.0			93.0	93.0	93.0	90.1 93.0 95.5	93.0
≥ 4500 ≥ 4000	95.8 97.1	96.1 97.5	96.1 97.5	96.1	90.1 97.6	96.2	96+2	96.2	96.2	96.2	96.2	90.2	95.5 96.2 97.0	90.2	96.2	96.2
≥ 3500 ≥ 3000	97.6	97.9	97.9	98.0	98.0 98.7	96.1	90.1	98.1 98.3	98.1 98.8	99.1 98.8	98.1	98.1	98.1	98.1 98.8	98.1 98.8	98.1
≥ 2500 ≥ 2000	98.7	99.1 99.2	99.1	99.2	99.2	99.3	99.5	99.3		99.3	99.5	99.	99.3	99.3	99.5	99.3
≥ 1800 ≥ 1500	98.7	99.2	99.5	99.4	99.4	99.5	99.7	99.5	99.5	99.5	99.5	99.7	99.5	99.5	99.5	99.5
≥ 1200 ≥ 1000			99.5	99.6	99.7	99.7	99.7	99.7 99.8	99.7		99.7 99.d	99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800	99.0	19.6	99.7	99.7	99.8	99.8	17.0	99.5	99.8 99.9	99.8	99.8	99.0	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	99.0	99.6	99.7	99.7	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400	99.0	99.6		99.7	99.0	99.0	79.3	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9
≥ 300 ≥ 200	99.0	99.6	99.7	79.8	99.0	99.9	79.9	U0.0	00.0	100.0	100.ul	00.0	100.0	99.9	99.9	100.0
≥ 100 ≥ 0		99.6	99.7	97.8	99.8		34.9	100.0	00.0	100.0	100.0 100.0 100.4	00.0	100.0	00.0	00.0	00.0

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASCLETE

DATA PROCESSING BRANCH USAF ETAC AIR PLATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

23107

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DAVIS HUNIHA 4 AFB APIZONA (TUCSON) 42-45,48-71,73-76

FFU

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥21⁄2	≥ 2	≥1'5	214	≥1	≥ 1,4	≥,•	≥ ;	≥ 5 16	≥ '•	≥0
NO CEILING ≥ 20000	33.0 76.8	63.6		53.7 16.9	03.8		77.0		63.8	63.8					63.8	
≥ 18000 ≥ 16000	77.8 79.8	77.8		17.9 19.9	77.9 79.9	77.9 79.9	77.9	77.9	77.9	-		77.0	77.9	77.9 79.9	77.9 79.9	77.9
≥ 14000 ≥ 12000	82.1 85.0	82.1 35.0	82.2 85.1	52.2 55.1	82.2 85.1		92.2 35.1	82.2 85.1	82.2 85 1	82.2 85.1	82.2 95.1	82.2 85.1	82.2 85.1	32.2 35.1	82.2 85.1	82.2 85.1
≥ 10000 ≥ 9000	85.8 86.1	85.9 86.2	85.9 86.2	65.9 66.2	86.0		0.03 6.e4	86.3	85.0 85.3			86.0 86.3	86.0 86.3	86.0 86.3	96.3	
≥ 8000 ≥ 7000	87.4	87.5 89.8	87.5	37.5	87.0		87.6 50.9	37.6 89.9	87.6 89.9			87.6	37.0		87.6	1
≥ 6000 ≥ 5000	92.6 95.0	92.1 95.1	92.7 95.2	92.8 95.2	92.d 95.3		92.8	92.8	92.8				92.8 95.3	92.8		
≥ 4500 ≥ 4000	95.8 97.1	90.7 97.3	96.1	96.2 97.6	96.3		97.8	96.3	96.3			96.3 97.9	_			
≥ 3500 ≥ 3000	97.4 97.7	97.6 98.1	97.5 98.2	97.9 98.4	98.6		90.1 93.7	98.1 98.8	98.1 98.8	98.1 99.8		98 • 1 98 • 1	98.1 98.8	98.1 98.9	98.1 98.0	-
≥ 2500 ≥ 2000	97.J 98.1	93.3 98.6		98.6 98.9	- • .	1 2 8	99.0	99.0	99.4							
≥ 1800 ≥ 1500	90.2 98.3	98.8 98.8		99.1 99.1	99.3 99.4	99.4	99.5 99.5	1	99.5	99.5 99.6	1 1					
≥ 1200 ≥ 1000	90.4 90.4	99.9 99.0		99.2 99.3	99.5	99.5	99.7 99.7		99.7	99.7		99.7			99.7	
≥ 900 ≥ 800	98.4 98.4		99.2	99.4 99.4		99.7	79.8	90.0			99.9 100.0				99.9 100.0	
≥ 700 ≥ 600	90.4 98.4		99.2	99.4 99.4		99.7	99.3 99.9	99.3	99.9	160.0	100.U	100.1	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	90.4 98.4		99.2	99.4 99.4	99.7	97.7	99.9	99.9	99.9	100.0	100.0	100.5	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	90.4 95.4	99.1	99.2	99.4 39.4	99,7	99.7	79.9		99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.4 98.4			99.4			99.9				100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS

2624

USAF ETAC JUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CASOLETE

DATA PRICESSING BRANCH USAL ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0.VIS MUTHAN AF5 A ILJHA (TUCSON) 42-45,49-71,73-76

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-2000

CEILING							VISI	BILITY IST	NUTE MILE	5						
FEET	חי≤	≥6	≥ 5	≥4	≥3	≥2'?	≥ 2	≥1/2	≥1'a	≥1	≥ 14	≥'•	≥'≀	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	69.0 78.8	39.0 78.8	69.0 78.8	69.1 78.9	69.2 78.9	65.2 18.9	50.2 76.9	78.9	69.2 78.9	09.2 78.9	69.2 73.9	78.0	69.2 78.9	57.2 79.9	67.2 78.9	18.9
≥ 18000 ≥ 16000	79.6 80.9	79.6 30.9	79.6 80.9	79.6 al.0	79.7	79.7 01.7	77.7 11.0	79.7	79.7 81.0	79.7 81.0	1	79.7	79.7		79.7	79.7 81.0
≥ 14000 ≥ 12000	83.9 85.3	31.9 85.3	83.9 86.3	54.0 56.4			η ₄ •0 η _{6•4}		84.Q 95.4	84.0 35.4	86.4	84.0 86.6	80.4	34.4	84.0 26.4	05.4
≥ 10000 ≥ 9000	88.1 86.4			៩8.2 ៦8.5		88.5	26.5 88.5		88.2 88.5		ر.88	88.7 88.4		88.2 88.5	88.2	88.2
≥ 8000 ≥ 7000	89.3 90.9	90.9		9.4 91.0		89.4 91.0	89.4	89.4 91.0	89.4 91.0	89.4 91.0	01.0		89.4 91.0	89.4 91.0	89.4 91.0	91.0
≥ 6000 ≥ 5000	94.1 96.3	94.1 95.5	94.1 96.5	94.2 96.6	94 • 2 96 • 6	94.2 94.6		94.2 96.7	94.2	94.2	- 1			94.2 96.7	94.2	96.7
≥ 4500 ≥ 4000	96.6		97.0 97.9	97.1 97.9		97.1 99.0		97•1 98•0	98.0	97.1 (q.0	98.1					98.0
≥ 3500 ≥ 3000	97.9			98.3 98.8	- 1	98.4 98.8	98.9	98.4 98.9	98.4 98.9	98.4 98.9		98.4		94.9	98.9	
≥ 2500 ≥ 2000	90.4 90.5		1 1	99.0		99.1 99.2	99.1	99•1 99•3	99•1 99•3						99.1 99.3	
≥ 1800 ≥ 1500	90.0 95.6	99.0	1 -1	99.3	99.3		99.4	99.4	99•4 99•4	99.4	49.4	99.4		99.4	99.4 99.4	99.4
≥ 1200 ≥ 1000	98.9	99.4	99.4	99.6	99.0	99.6	29.8	99.8	99.8	99.8	99.6	99.8		99.8	99.8	99.8
≥ 900 ≥ 800	98.9	99.4	99.5	99.7	99.7	99.7	99.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
- 700 ≥ 600	98.9	99.4	99.5	99.7		97.8	9, 9	99.9	99.9	99.9		99.2	99.9		99.9	99.9
≥ 500 ≥ 400	90.9	99,4	99.0	99•7 99•7	99.0	99.8	3.9	99.7		99.9	99.9		99.4			99.9
≥ 300 ≥ 200	90.9	99.4	99.5	79.7	99.0		95.9			99.9		99.9	100.0	100.0	Luo.n	99.9
≥ 100 ≥ 0	90,9		3 I			99.8 99.8			99.9							100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

262

USAF ETAC 101.04 0-14-5 (OL A) MEVICUS EDITIONS OF THIS FORM ARE OBSOLETE

-1

DATA PROCESSING BRANCH USAF EINC AIR WEATHER SERVICE/ AC

CEILING VERSUS VISIBILITY

23109 DIVIS MUNIMAN AND ANTACTUCS 14) 42-45,48-71,73-78

rEb

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEIUNG							VIS	oitiTY -\$T	ATUTE MILE	ES						
IFEET	≥10	≥4	≥ 5	≥ 4	≳3	≥2 7	≥ ?	217	≥1.	≥1	≥ 34	≥',	≥ 7	≥5 16	≥ ,	≥0
NO CEILING ≥ 20000	74.7 81.5	74.7 31.5	74.0	74.9	74.8 81.6		74.0			74.8 81.6	74.8	,	74.6 81.0		74.6	74.8
≥ 18000 ≥ 16000	82.0	82.0 83.2	82.0 83.J	82.1 3.3	82.1 83.3	87.1 03.3	34.1	02.1 03.1	82.1 83.3	32.1 83.3	82.1 23.3	82.1 83.3	82.1 83.3	82.1 83.3	82.1	82.1
≥ 14000 ≥ 12000	85.1 88.3	85.1 88.3	85.1 88.4	85.2	1	35.7 89.4	12.2 16.4	85.7 88.4	85.2 88.4	85.2 88.4		85.2 8*.4	85.2 88.4	ძ5.2 88.4	35.2 38.4	
≥ 10000 ≥ 9000	90.4 90.9	90.4	90.4	90.5	90.5 91.0	90.5		90.5	90.5	9(,5) 91,0	. 1	90.5	90.5 91.0	90.5 91.0	90.5	90.5 91.0
≥ 8000 ≥ 7000	91.6 92.8	91.6 92.8		1	91.7	21.7	91.7	1	- 1		91.7	91.7	91.7	91.7	91.7	91.7
≥ 6000 ≥ 5000	93.0 97.3			95.2 97.4		95.4			95.2	95.2 97.4		95.2 97.4	95.2	95.2 97.4		95.2 97.4
≥ 4500 ≥ 4000	97.5	97.5 90.3	1	97.7	ı 1	97.7		1	97.7 98.4	97.7 98.4		97.7 99.4	97.7	97.7 98.4		97.7 93.4
≥ 3500 ≥ 3000	98.5 98.5	.6	_ `1	98.5 98.7					98.5 98.7			98.5 98.7	•	98.7	98.7	79.7
≥ 2500 ≥ 2000	94.9 99.0		99•2 99•3	99 • 2 99 • 4	99•2 99•4		99•2 99•4	99.2	99•2 99•4	99.2 99.4			99.4		99.4	99.4
≥ 1800 ≥ 1500	53.0 59.1	99.3	,	99.4		99.6	97.7		99.4 99.7	99.4 99.7	99.7	99.7	99.7	99.4 99.7	99.7	99.7
≥ 1200 ≥ 1000	99.2	99.6		99.7		99.8	99.0	99.9	99.8 99.8		99.0		99.8		99.8	99.9
≥ 900 ≥ 800	99.2 99.2	99.6		99.7 99.7	99.5	99.3	99.8	99.8	99.8		99.8		99.6	99.8	99,8	99.8
≥ 700 ≥ 600	99.2	99.0 99.5	99.7	39.7 39.7		99.6	39.9	99.9	99.9	99.9	99.9	99.0	99.4	90.9		99.9
≥ 500 ≥ 400	99.2	97.6	99.7	99.7	79.0	99.9	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0 100.0	100.0
≥ 300 ≥ 200	99.2		99.1	99.7 99.7	99.0	97.9	106.0	100.0	100.0	100.0	190.0	100.0	100 • U	100.0		100.0
≥ 100 ≥ 0	99.2 99.2			99.7 99.7											100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ...

2622

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAN LIAC AIR MEANUER SERVICE/MAC

CEILING VERSUS VISIBILITY

D. VIS MUNICAN AFB ANTZUNA (TUCSON) -2-45,45-71 . 75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY STA	ATUTE MILI	is.						
FEET	≥10	≥6	25	≥4	≥3	≥2-	≥2	≥1 -	≥1.	≥1	یه ≤	≥'ı	≥ 3	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	77.3 83.2	03.3	1	77.4	71.4	77.4	, , ,	77.4	77.4 83.3	· · · · ·	77.4	77.4 83.3	77. با د . 83	77.4 83.3		63.3
≥ 18000 ≥ 16000	83.9 83.0	34.0	84.0	و4.0 5.1		84.0 85.1	14・U 13・1	84.0 55.1	84.0 85.1	85.1	94.0 85.1	84.0 85.1	84.0 85.1	84.0 85.1	84.0 85.1	85.1
≥ 14009 ≥ 12000	87.4 87.6	87.5 89.7	87.5 89.7	87.5 89.7	87.5 89.7	37.5 39.7		87.5 89.7	97.5 89.7	89.7	87.5	87.5 89.7	87.5 89.7	57.5 39.7	87.5	89.7
≥ 10000 ≥ 9000	91.2 91.7	91.3	31.8	91.3 91.8		91.1	9;.8			91.8		91.3	91.3 91.8	91.8	91.8	91.8
≥ 8009 ≥ 7000	92.3	93.0	93.6		92.4	73.6	93.0	93.5	92.4	93.6	93.0	92.4	92.4 93.0	93.6	92.4 93.6	93.4
≥ 6000 ≥ 5000	97.1	95.9 97.3		95.9 97.3	95.9	97.3	97.3			97.3	95.9	95.9	97.3			97.3
≥ 4500 ≥ 4000	97.5	97.7	97 • 1 98 • 2	97.7 98.2	97.7 98.2	97.1	97.7 96.2	97.7	97.7 98.2	97.7 98.2	97.7	97.7		97.7 98.2	97.7 98.2	98.2
≥ 3500 ≥ 3000	98 • 2 98 • 4		98.6	98.6	98.4 98.6	28.6	9€.6	99.4		98.4 98.6	98.4	98.4 98.6	98.4	98.4	98.4	98.6
≥ 2500 ≥ 2000	98.6		99.3		90.8	99.3		99.3		98.9		98.9		98.9	98.9	90.3
≥ 1800 ≥ 1500	99.0	99.3	99.4		99.3	98,5			99.3	99.3	99.3	99.3	99.3	99,5	99.3 99.5	99.5
≥ 1000	99.0	99.5	99.6	99.6		99.6	5.7	99.5	99.7	99.5 99.7	99.5	99.5	99.7	99.7	99.5	99.7
≥ 900 ≥ 800	99.1	97.6	99.7	99.7	99.7	99.7	99.8						99.8	99.8	99.7 99.8	99.8
≥ 700 ≥ 600	99.2 99.2		99.0	99.8	99 • d	99.8	99.8				99.8	99,8	99.8	99.3	99.8	
≥ 500 ≥ 400	99.3	99.7	99.0	79.9		99.9	99.9	99.9	99.9	99.9		90.0	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	99.3	99.7		99.9	99.9	99.9	79.9		99.9	79.9	99.9	99.0	99.9	99.9	99.9	99.9
≥ 100 ≥ 0	99.3							99.9	99.9 99.9		99 9 100•j					

TOTAL NUMBER OF OBSERVATIONS.

2876

USAF ETAC JULIA G-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESUING BRAICH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

C

DAVIS HUMINAR AFE ALIZANA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	Blate Sta	ATUTE MIL	E\$,						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥1:	≥1′•	λī	≥ 14	≥ 1,1	≥ ′2	≥ 5 18	≥ '•	≥0
NO CEILING ≥ 20000	70.9 82.7	75.9	77.0 82.7	77.0 82.7	77.0 82.7		77.0 8.7			. · ·		77.1 62.7	77.0 82.1	77.0 82.7		77.0 82.7
≥ 18000 ≥ 16000	83.0 84.0	83.0 84.0	83.1 34.0	03.1 04.0	93.1 84.0	33,1		84.0	83.1 84.0	63.1 64.0	43.1 44.0	83.1 84.0	83.1 84.0	83.1 84.0	83.1	83.1
≥ 14000 ≥ 12000	86.1 88.0	36.1 88.5		68.7	85.2 88.7	შგ.2 შგ.7	30.7	36.7 88.7	86.2 88.7	86,7 88.7	86.2 88.7	86.2 88.7	86.3 88.7	86.3 89.7		86.3
≥ 10000 ≥ 9000	90.6	90.6 91.J	90.7 91.1	→0.7 √1.1	90.7 91.1	99.7	91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7	90 · / 91 · 1	90.7 91.1	90.7 91.1	90.7 91.1
≥ 8000 ≥ 7000	91.7 92.9	91.7	91.8	91.8 92.9	91.8	91.8	92.9	91.8 92.9		92.9					93.0	-
≥ 6000 ≥ 5000	95.2 96.9	75.2 95.7				95.2 97.0	97.0	95.7 97.1	95.2 97.0			95.2 97.1		97.1	95.3 97.1	95.3 97.1
≥ 4500 ≥ 4000	97.5	97.5 97.9		97.5 98.1	97.5 98.1	97.5 98.1	93.1	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1	97.5 98.1	97.6 98.1	97.6 98.1	97.6 98.1	98.1
≥ 3500 ≥ 3000	98.0	98.1 38.7	98.9	98.3 98.9	98.3 98.9	98.3 98.9	25.9	98.3 98.9	98•3 98•9	98.3 98.9	98.3 98.9	98.3	98.3 98.4	98.9	98.3 98.9	
≥ 2500 ≥ 2000	98.9 99.0	99.0	99.4	99.4	99.1 99.4	99.1 99.4		99.1 99.4	99•1 99•4	99.1 99.4	99.1	99.1 99.4	99•2 99•4	99.2 99.4	99.2 99.4	99.2
≥ 1800 ≥ 1500	99.0	99.2 99.2	99.4	99.4	99.4 99.4	99.4	79.4	99.4	99.4	99.4 99.4	99.4 99.4	99.4		94.5 99.5	99.5	99.5
≥ 1200	99.2 99.3	77.3	99.7 99.7	99.5	99.5	99.5	91.1	99.5 99.7	99•5 99•7	99.7	99.5	97.5 99.7	99.0 99.0	99.0 99.8		99.8
≥ 900 ≥ 800	99.3	99.5	99.7	99.7 99.7	99.7 99.7	99.7 99.7	94.7	99.7 99.7	99.7 99.7		99.7 99.7	99.7	99.0 99.6	99.8 99.8	99.8	99.8
≥ 700 ≥ 600	99.3	99.5			99.7 99.7	99.7 99.7	79.7		99.7		99.7	99.7			99.8	99.8
≥ 500 ≥ 400	99.3	99.0 99.7	99.4	19.9	99.8 99.9	99.9	77.9	99.7	99.3	99.9	99.5		100.0	100.0		100.0
≥ 300 ≥ 200	99.4	99.7	99.9		99.9	99.9	39.9	99.9	99.9	90.9		99.4	100.0	100.0 100.0	100.0	100.0
≥ 100 ≥ 0	99.4	99.7 99.7			99.9	99.9 99.9			99.9 99.9		99.9			100•0 100•0		1

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PALCESSING BRANCH USAF ETAC ATT WEATHER SERVICE/ NAC

CEILING VERSUS VISIBILITY

3

DEVIS MUNITIAN AFE AFILMRA (TUCS N) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800

CEILING							VIS	BILITY STA	ATUTE MIL	ES:						
FEE1	≥10	≥6	≥ 5	≥ 4	≥3	≥2 :	≥ 2	≥1 ?	≥1.	≥1	ي کي	≥',	≥ >	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	72·1 80·2	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2 90.2		72.2	72.2 80.2	72.2	72.2	72.2 80.2	72.2
≥ 18000 ≥ 16000	80.8 81.7	80.2 61.8	80.8	8.15				80.5 61.8	-	8.78	- 6	-	80.8 81.8		80.3 81.5	80.8
≥ 14000 ≥ 12000	84.7 87.2	84.7 87.2	84.8 87.3	44.8 37.3	84.8	64.8 67.3		34 = P 87.3	84.8	84.8				84.8 87.3	84.8 87.3	84.8
≥ 10000 ≥ 9000	88.9 89.4	89.9 89.5	89.0 89.5	69.0 59.5	89.0 89.5			89.0 89.5		σ9.0 σ9.5		89.5				
≥ 8900 ≥ 7000	90.3 91.7	90.4 91.8	90.5	90.5 91.8	90.5 91.8		د.رت 1.0	90.5	90.5		90.5 91.8	90.5	90.5 91.0	91.A	90.5 91.8	90.5 91.8
≥ 6000 ≥ 5000	96.2	94.0 96.3	94.1 96.4		94.1 96.4	94 • 1 96 • 4		94.1	94.1 96.4	94.1 96.4	94.1	94.1 95.4	94.1	94.1 96.4	94.1 96.4	94.1 96.4
≥ 4500 ≥ 4000	96.9 97.5	97.0 97.6	97.1 97.7	97.1 97.7	91.1 97.7	97.1 97.7		97•1 97•7	97.1 97.7		97.1 97.7	97.1 97.7	97.7		97.1 97.1	97.1
≥ 3500 ≥ 3000	97.8 98.7	97.9 98.8	98.0 98.9	98.0 98.9	98•0 98•9				98.9	98.9	98.0 98.9	98.0 98.9	98.9	98.9	98.9	93.0 98.9
≥ 2500 ≥ 2000	93.9 99.1	99.3	99.1 99.4	99.1 99.4	99.2 99.4		99.4	99•2 99•4	99.4	99.4	99.2 99.4	99.2	99.4			99.2 99.4
≥ 1800 ≥ 1500	99•1 99•2	99.3 99.3	99.4	99.4 99.4		99.4	99.4	99.4 99.4	99.4 99.4	99.4	99•4 99•4	99.4 99.4	99.4	99.4	99.4	99.4 99.5
≥ 1,77	99.2	99.4 99.5	99.5	19.6		99.7	99.7	99.6 99.7	99.6	99.7	99.6	99.7	99.7	99.7	99.7	99.6 99.8
≥ 900 ≥ 800	99.3	99.5 99.5	99.0	99.6 99.6	99.7 99.7		97.7	99.7 99.7					99.7		99.7 99.7	99.8 99.8
≥ 700 ≥ 600	99•3 99•3	99.5 99.5	99.0	99.6 99.7	99.7 99.4		79.8	99.7	99.7	93.9	99.7	99,9	99.9			
≥ 500 ≥ 400	99.3	99.5 99.5	99.7	99.7 99.7		99.8	99.9	99.9	99.9	100.0 100.0	100.0	1 (• o	100.0	100.0	100.0	100.0
≥ 300	99.3	99.5		99 .7 99 . 7		99.8	7⊸.9		99.9	100.0 100.0	100.0	16 •	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.3	99.5	99.7 99.7	99.7	99•8		9,9			100.0 100.0					100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH USAL EINC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAR AFB ANIZUMA (TUCSOR) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING						•	VIS	BILITY (STA	ATUTE MIL	€S						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2′ז	≥ 2	≥1'2	≥1'4	≥1	≥ ¾	≥,•	≥ 'ɔ	≥5 16	≥4.	≥0
NO CEILING ≥ 20000	70.1 81.1	70.3	70.5 81.2	70.3 51.2	70.3			70.3 61.2			70.3					70.3
≥ 18000 ≥ 1600c	81.8	81.9 82.9			81.9 83.0		• • •	31.9 33.0	8i.9 83.0		81.9 83.7		1 .	-	91.9	- 1
≥ 14000 ≥ 12000	35.0 87.5	65.1 87.7	85.2 87.8	გ5.2 გ7.8	85.2 87.8			85.2 87.8	85.2 87.8	85.2 87.9	35.4 37.4	65.7 87.7			35.2 87.9	
≥ 10000 ≥ 9000	89.2 89.8	99.4	90.1	გე.6 90.1	90.2	40.2	91.2	39.6 90.7	90.2	97.2			90.2	90.2	49.7 90.2	90.2
≥ 8000 ≥ 7000		97.5 91.1	91.3	91.3	90.7	91.3	91.3	90.7 91.3		91.4	90.7	91.4	91.4	91.4		
≥ 6000 ≥ 5000		93.3 95.2	95.3		93.5	95.3	95.4	95.4	95.4	95.4	15.4	93.4	95.4	95.4	95.4	95.5
≥ 4500 ≥ 4000	90.1		97.1		96.6	97.2	97.3	97.3	97.3	97.3	97.3	95.6	97.3	97.3	97.3	97.4
≥ 3500	97.9		98.4	98.4		98.5	98.5	98.5	98.5	28.6	98,6		98.6	97.7		98.7
≥ 2500 ≥ 2000	98.0	99.1	99.3	99.3	99.4	99.4	49.5		99.5	99.5	99.5	99.5	29.5	99.1	99.5	
≥ 1800 ≥ 1500	90.5 98.7 98.7	99.2	99.4	99.4	99.0	30.6	79.6	99.6		99.7	99.7	99.7	99.7	99.5 99.7	99.7	99.7 99.8 99.6
≥ 1,00 ≥ 1000	98.7	99.3		1	99.7 99.7	99.7	97.8	99.8	99.8	99.8		99.8	99.3	99.9	99.5	99.7
≥ 900 ≥ 800 ≥ 700	98.7	99.3	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.2	99.0	99.0	99.8	99.8	99.8	99.9
≥ 600	98.7	99.4	99.6		99.8 99.8	99.8	79.9	99.9	99.9		99.9	99.3	99.9	99.9	99.9	
≥ 400	98.7	99.4		19.6	99.8	99.3	79.9	99.9	99.9	99,9		99.9	99.9	99.9	99,9	100.0
≥ 200	96.7		99.5	39.6		99,8	29.9		99.9	99.9		99.9	99.9	99.9	99.9	100.0
≥ 0	90.7	99.4	99.0					99.9		99.9				- 1		100.0

TOTAL NUMBER OF OBSERVATIONS

2874

USAF ETAC 100M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

3

DAVIS MONITION AFR AKIZENA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						[
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¼	≥%	≥%	≥ 5.16	≥ \4	≥0
NO CEILING ≥ 20000	65.7 77.6	65.8 17.7	65.8 77.7		65.9 77.8			65.9 77.8	65.9 77.8			65.°°	65.9 77.ს		65.9 77.8	65.9 77.8
≥ 18000 ≥ 16000	78.4 79.5	78.5	78.6 79.7	78.6 79.7	78.6 79.8			78.6 79.8	78.6 79.8	78.6 79.8	78.6 79.6		78.7 79.8	78.7 79.8	78.7 79.8	78.7 79.8
≥ 14000 ≥ 12000	81.5	91.7 44.0	81.7 84.0	51.7 44.0	81.8 84.1	81.8		81.5	51.8 84.1	81.6 84.1	81.8 44.1	81.8	81.8	81.8	81.d 84.2	81.8
≥ 10000 ≥ 9000	84.9	65.6	85.1 85.7	o5.1 65.7	85.2 85.7	55.7	85.2 25.7	85.2 05.7	85.2	85.2 85.8	85.2 85.8	85.7 85.9	85.3	85.8	85.3	85.8 85.8
≥ 8000 ≥ 7000	86.0 87.7	85.2 89.0	86.2 88.0	86.2 88.0	86.3	86.3 88.1	80.3 80.1	86.3 88.1	86.3 88.1	86.4 8°.2	86.4 88.2	89.2	86.4	86.4 88.2	86.4	86.4
≥ 6000 ≥ 5000	92.0 95.3	92.2 95.5	92.2 95.6	92.2 95.6	92.3	-	94.4	92.4 95.8	92.4 95.8	92.4	92.4	92.4	92.5	92.5	92.5	92.5
≥ 4500 ≥ 4000	96.4	96.5 97.4	96.8 97.4	96.8 97.4	97.0		97.0	97.0	97.0	97.1	97.1	97.1	97.1 97.7	97.1 97.7	97.1	97.2 97.8
≥ 3500 ≥ 3000	97.5 97.9	97.8 98.3	97.6 98.4	97.8	93.U 98.u		96.1	95.1	98.1	98.1	78.1 78.7	98.1	98.2 93.h	98.2	98.2	98.2
≥ 2500 ≥ 2000	98.2 98.4	98.8	98.7	98.7	78.9	98.9 99.1	98.9	98.9	98.9	99.0	99.0		99.1	99.1	99.1	99.1
≥ 1800 ≥ 1500	98.5	98.9	99.0	99.0	99.2 99.4	99.2 99.4	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200 ≥ 1000	98.5	99.0 99.1	99.2	99.2 99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.0	99.6	99.7	99.7	99.7	99.8
≥ 900 ≥ 800	98.5 98.6	99.1 99.2	99.3	99.3	99.5	99.5		99.7	99.5	99.7	99.1		99.8	99.8	99.6	99.8
≥ 709 ≥ 600	98.6	99.2	99.3	99.4 99.4	99.6	99.6 99.6		99.7	99.7	99.8	99.0	99.8	99.9	99.9		99.9
≥ 500 ≥ 400	93.6 98.6	99.2	99.4	99.4 79.4	99.6	99.0	99.8	99.5	99.8	29.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.6 98.6	47.2 49.2	99.4 99.4	79.4 79.4	99.6	39.5	9.7.0	99.8	99.8	99.9	99,9	99.9	100.0	100.0	100.0	0.00
≥ 1W ≥ 0	98.6	99.2 99.2	99.4 99.4	99.4 99.4	99.6	99.0		99.8 90.8	99.8 99.8	99.9	99.7	99.9	100.0	100.0	L00.01	100.0

TOTAL NUMBER OF OBSERVATIONS..

2872

USAF ETAC JUL 64 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSO! TE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VIS!BILITY

3

23109 DAVIS MUNIHAN AFB ANIZUNA (TUCSON) 42-45,48-71,73-75

AR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥.4	≥3	≥2⅓	≥2	≥11/2	≥1'4	≥1	≥ 14	≥%	≥%	≥ 5/16	≥ ¾	≥0
NO CEILING ≥ 20000	62.5 75.9	02.8 76.1	62.8 76.2	62.8 76.2	62.9 76.3			52.9 76.3	62.9 70.3	62.9 76.3	62.9 76.3			62.9 76.3	62.7 70.3	62.9 76.3
≥ 18000 ≥ 16000	76.8 75.0		-	77.1 78.3	77.2 78.4			77.4	77.2 78.4		77.2 78.4	77.7 78.4	78.4	77.2 78.4	77.2 78.4	77.2 78.4
≥ 14000 ≥ 12000		80.9 83.2	83.4	.3.4		33.4	33.4	33.4	83.4	87.4	93.4	83.4	83.4		81.0	
≥ 10000		84.7	85.0	34.8 55.3		ხ5.3	45.3	85.3	25.3		85.3	85.7	85.3			
≥ 8000 ≥ 7000	86.1	36.4 88.3	88.4	88.4	86.5	88.4	88.5	8R.5	88.5	88.5	86.6	88.5	88.5	83.5	яв.5	88.5
≥ 6000 ≥ 5000	92.4 53.2	92.7 95.5	96.6		92.8 90.7 97.3	96.7	95.7		96.7	96.7	92.8 96.7 97.4	95.7	90.7		96.7	96.7
≥ 4500 ≥ 4000 ≥ 3500	96.d 97.6	97.9	98.0	98.1	98.1 98.5	92.2	3	98.5	90.2	98.2	93.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	98.1	98.5	98.7	98.7	98.7		98.8			98.8	98.8	98.8			98.8	98.9
≥ 2000 ≥ 1800	98.5	99.0	99.1	99.2	99.3	99.3	99.3			99.3	99.3	99.3	99.3	99.3	99.3	99.4
= 1500 ≥ 1200	98.7	99.2	99.3		99.5	99.5	9.6	99.6	99.6	99.6	99.0	99.4	99.0		99.0	99.6
≥ 1000	90.9 90.9	99.3	99.5	99.7	99.0	99.8	29.9	99.9		99.9	99,9	99.9				99.9
≥ 800	98.9 98.9	99.3	99.5	99.7	99.8							99.9				99.9
≥ 500	96.9 96.9	99.3		99•8 99•8									99.9			100.0
≥ 400	90.9	99.3	99.4	79.8	99.9	99.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9 93.9	99.3	99.0	79.8	99.9	99.9	9,,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.9	99.3	99.0	9.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	130.0	100.0	106.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _______ 2871.

DATA PROCESSING BRANCH USAL ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3

4

Davis Munihar Afy Arizona (Tucson) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 HOURS (15"

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥ 2	≥1%	≥1¼	≥1	≥ 1/4	≥ ⅓	≥ 1/2	≥5 16	≥¼	≥0
NO CEILING ≥ 20000	68.8 78.6	59.1 78.2	59.1 78.3	ύ9•2 78•3	65.2 78.3	09.2 78.3	69.2 78.4	69.2 78.4	69.2 78.4	69.2 78.4		69.2 78.4	59.2 78.4	69.2 78.4	59.2 78.4	69•2 78•4
≥ 18000 ≥ 16000	79.3 80.7	79.5 31.9		79.6 31.1	79.7 81.1	79.7 61.1	79.7	79.7 81.2	79.7 81.2	79.7 81.2	79.7 81.2	79.7 81.2	79.7 81.2	79.7 81.2	79.7	79.7
≥ 14000 ≥ 12000	83.7 86.2	84.0 86.4	86.5		84.1 80.5	84.1 84.5	30.0	84.1 86.4	84.1 86.6	84.1	84.1	84.1 86.6	86.0			
≥ 10000 ≥ 9000	88.2	გგ.1 ცმ.5	88.5		88.6			30.7	88.7	88.7		89.7	88.7	88.7		88.7
≥ 8000 ≥ 7000	39.2 90.9		91.2	91.2	89.0 91.2	91.2	31.3	91.4	91.4	89.7 91.4	91.4		89.7 91.4	91.4		49.7 91.4
≥ 6000 ≥ 5000	93.7 96.2	94.0				94.1 95.7	96.7	96.8	94.2	94.2 96.8	96.3			96.8		96.8
≥ 4500 ≥ 4000	90.9	97.2 98.2	98.3	98.3	97.4		95.4	98.5	98.5	97.5 98.5		97.5	97.6	98.5	08.5	93.5
≥ 3500 ≥ 3000	97.8 98.2	98.3 98.7	98.4 98.9		99.0	99.0	99.0	99.1	98.6	98.6 99.1	99.1	98.5	99.1	98.7 99.1	98.7	98.7 99.1
≥ 2500 ≥ 2000	90.3	98.9 99.2	99.4			99.5	99.5	99.6			99.0	99.3		99.7		99.7
≥ 1800 ≥ 1500	90.6 90.6	99.3	99.5	99.5	99.7	99.7	99.6	99.8		99.7 99.8			99.0	99.7 99.8		
≥ 1200 ≥ 1000	98•7 98•7	99.3 99.4	99.7	99.7 99.8			99.7 99.8			99.8 99.9	99,9				99.9	99.9
≥ 900 ≥ 800	98.7	99.4		99.8	99.8	99.8	99.8	99.9		99.9	99.9		99.9	99.9	99.9	99.9
≥ 700 ≥ 600	90.7 90.7	99.4 99.4		99.8 19.8	99.8	99.3	39.8	99.9		99.9	99.9	99.0		99.9	99.9	99.9
≥ 500 ≥ 400	98.7 90.7	99.4 99.4	99.7		99.8	99.8		99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	98.7		79.7	99.8	99.8	99.8		90.9	99.9	99.9	99.9	99.9			99.9	99.9
≥ 100 ≥ 0	98.7 98.7			99.8 99.8			79.8				-		99.9 100.0		99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

231U9 DEVIS MUNIHAN ALE ASIZUNA (TUCSUN) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS ILST

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
HFET.	≥10	≥6	≥5	≥ 4	≥3	≥2'7	≥2	≥1'2	≥1'₄	≥1	≥ ¼	≥ %	≥ %	≥5 16	≥14	≥0
NO CEILING ≥ 20000	70.8 82.4	76.7	76.9 82.5	76.9 52.5	70.9 82.5		76.9	76.9	77.0 82.5	77.0 82.5	77.0	77.0 82.5				
≥ 18600 ≥ 16000	83.3 84.4	33.4	83.4 84.5	63.4 64.5	83.4 84.5	04	43.4 4.5	83.4 54.5	83.4 84.5	· - i	84.5	83.4	83.4 84.5	83.4		
≥ 14000 ≥ 12000	80.8 88.6	85.9 88.7	86.9 86.7	16.9 68.7	86.9 88.7	85.9 68.7	76.9 88.7	85.7 88.7	-			86.7		86.7		86.9 88.7
≥ 10000 ≥ 9000	89.9 90.3	90.4	70.0 90.4	90.0 90.4	90.0 90.4	90.0 90.4	70.0 20.4	90.0 90.4	90.0 90.4	90.4	90.4	90.0 90.4		90.0 90.4	90.4	
≥ 8000 ≥ 7000	91.5 93.1	₹1.6 93.7	91.0 93.2	91.5	-	91.6	91.6 73.2		91.6 93.2	93.2	93.2	93.7	93.2	93.2	93.2	93.7
≥ 6000 ≥ 5000	95.2 97.2	95.3 97.3		95.3 97.3	97.3	75.3 97.3	95.3 77.3	95.3	95.3 97.4	97.4	97.4	97.4	97.4	95.3 97.4	97.4	97.4
≥ 4500 ≥ 4000	97.0 93.0		97.1 98.2	97.7 98.2	98.2	97.7	90.2	97.7 98.2	97.8 98.3	98.3	98.3	99.3		97.8 91.3	98.3	93.3
≥ 3500 ≥ 3000	98.4		99.2	29.2	99.2	93.6	70.0 79.2	99.2	98.7 99.2	99.2	99.2	98.7	98.7 99.2	98.7	99.2	99.2
≥ 2500 ≥ 2000	99.1 99.2	99.4		99.3	99.5			99.3	99.3	. 99.5	99.5		99.3	99.3	99.3	99.5
≥ 1800 ≥ 1500	99.4	99.6	99.1	99.7	99.7	99.7	79.5	99.5	99.8	99.8	99,0	99.R		99.5	99.8	99.8
≥ 1200 ≥ 1000	99.4	99.7 99.7		99.8	99.8		99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	99.4	99.7	99.0	. ` 8	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.0			99.9	99.9
≥ 700 ≥ 600	99.4	99.7		99.9	99.9	99.9	94.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.4 99.4	99.7	99.5 99.5	99.9		99.9 99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 300 ≥ 200	99.4		99.0	79.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.4			29.9											i.	100.7

TOTAL NUMBER OF OBSERVATIONS _____ . 2870

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSORETE

DATA PRUCESSI IG BRANCH USAF LTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNITAR AFB ARIZONALTUCOTA) (2-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST)	ATUTE MILI	ES						
FEET	≥10	≥6	≥5	≥ 4	≥3	227	≥2	≥1'7	≥1%	≥1	≥,*	≥'₃	≥ ′3	≥ 5-16	≥.	≥0
NO CEILING ≥ 20000	37.2 91.2	87,2 91,2	91.5	91.3	91.3	91.3	ر و إ (٢	91.3	01.3	91.3	91.3	91.3			91.3	91.3
≥ 18000 ≥ 16000			91.6	91.6	91.5	91.6	71.6	91.6	91.0	91.6		91.4	91.6		91.0	91.6
≥ 14000 ≥ 12000		94.5	94.7			94.7	94.7	94.7	94.7	94.7	93.3	94.7	94.7		94.7	34.7
≥ 10000 ≥ 9000	95.7 96.3	96.3	96.3	70.3		96.3	96.3	96.3	90.3	96.3	95.8 96.3	96.3	90.3	96.3	96.3	
≥ 8000 ≥ 7000	90.5 97.3			97.3		97.3	97.3	97.3	97.3	97.3		97.3	97.3	97.3	97.3	97.3
≥ 6000 ≥ 5000	93.2	99.2	99.3	99.3		99.3	99.3	99.3	99.3	99.3		99.3	99.3		99.3	99.3
> 4500 ≥ 4000	99.6	99.5		49.6	99.6	99.6	44.6	99.6	99.6	99.6	99.6	99.5	99.6	99.6	99.0	99.6
≥ 3500 ≥ 3000	99.8	99,7			99.7	90.9	99.9	99.9	99.9	90.9		99.9	99.9	99.9		99.9
≥ 2500 ≥ 2000	99.9	99,9	99.9	99.9	99.9	99.9	29.9	99.9	99.9	99.9	99.9	99.0	99.5	99.9	99.9	99.9
≥ 1800 ≥ 1500	99.9	99,7	100.ŭ	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 1200	99.9	97.2	100.0	100.0	100.0	100.0	146.0 149.9	100.0	100.0	100.0	100.0	100.0	0.001	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	99.9	100.U	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100+6	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	99.0	100.0	100.0	100.0	107.5		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.9	99.7	100.0	100.0	100.0	100.0	٥.را ا	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	99.7	100.0	100.0	100.0	100.0	10	100.0	100.0	ը, որ են	100.0	100.7	100.0	100.0	100.0	100.0 100.^ 107.0
≥ 100																100.0

TOTAL NUMBER OF OBSERVATIONS._

2775

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARIZONA (TUCSTIN) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (CST)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	86.9 91.2	86.9 91.2	86.9 91.2	W	86.9 91.2		86.9 91.2	86.9 91.2	80.9 91.2	36.9 91.2	86.9 91.2	86.9 91.2	80.9 91.2	86.9 91.2	86.9 91.2	86.9 91.2
≥ 18000 ≥ 16000	91.4 91.6	91.4 91.6	91.6		91.6		91.4 91.6	91.4 91.6	91.4 91.6	91.4 91.6		91.4 91.6	91.4 91.6	91.4 91.6	91.4 91.6	91.4 91.6
≥ 14000 ≥ 12000	93.3 94.8	93.3 94.8			93.3	94.8		93.3 94.8	93.3 94.8		93.3 94.8	93.3 94.8	93.3			93.3 94.8
≥ 10000 ≥ 9000	95.9 96.1	95.9 26.1	95.9	95.9 96.1	95.9	95.9 96.1	95.9	95.9	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1	95.9 96.1
≥ 8000 ≥ 7000	96.6	96,6 97.2	97.2	97.2	96.6	96.6 97.2	97.2	96.6	96.6	96,6 97.2	97.2	96.6 97.2	96.6 97.2	96.6	96.6 97.2	96.6 97.2
≥ 6000 ≥ 5000	98.9	98.3 98.9	98.9	98.3	98.3 98.9		98.9		98.3 98.9		98.9	98.9	98.3 98.9			
≥ 4500 ≥ 4000	99.2	99.2			99.2 99.5	99.5		99•2 99•5	99.2 99.5	99.2 99.5	99.2	99•2 99•5	99.2 99.5	99.3	99.2 99.5	99.2 99.5
≥ 3500 ≥ 3000	99.4	99.5 99.6	99.5			99.7	90.7	99•5 99•7	99.5	99.5 99.7	99.5 99.7	99.5	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
≥ 2500 ≥ 2000	99.5	99.6	99.6 99.7	99.6	99.7 99.8			99.7 99.8	99.7 99.8		99.7		99.7 99.8		99.7	99.7 99.8
≥ 1800 ≥ 1500	99.5	99.8			99.8 99.9	99.9	99.8	99.8 99.9	99.8 99.9	99.8	99.8	99.8 99.9	99.d 99.9	99.9	99.8	99.8 99.9
≥ 1200 ≥ 1000	99.6	99.9	99.9	99.9	99.9	99.9	اخضضا	99.9 99.9	99•9 99•9	99.9			99.9	99.9 99.9	99.9 99.9	99.9
≥ 900 ≥ 800	99.6 99.6	99.9		99.9	99.9	99.9		99.9		99.9		99.9	99.9 99.9	99.9 99.9		99.9
≥ 700 ≥ 600	99.6 99.6	99.9	99.9	99.9		99.9					99.9	99.9	99.9 99.9	99.9	90.9	99.9
≥ 500 ≥ 400	99.6	99.9	99.9 99.9	99.9	99.9 100.0	10n.n	170.0	99,9	99.9	100.0	99.9	100.0	99.9	100.0	100.0	100.0
≥ 300 ≥ 200	99.7 99.7	99.9	99.9	99.9	100:0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAM AFB AKIZONA (TUCSON) 42-45,48-71,73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥1/2	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	82.9	89.2	83.1 89.2	89.2	83.1 89.2	83.1 89.2	83.1	83.1 89.2	83.1 89.2	83.1 89.2	83.1 89.2	83.1 89.2	83.1	83.1 89.2	83.1	
≥ 18000 ≥ 16000	90.0		89.7 90.1	69.7 90.1	89.7 90.1	89.7 90.1	89.7 90.1	89.7 90.1	89.7 90.1	89.7 90.1	90.1	89.7 90.1	89.7 90.1	89.7 90.1	89.7 90.1	89.7 90.1
≥ 14000 ≥ 12000	92.3 94.1	92.5 94.3	92.5 94.3	92.5 94.3	94.3	92.5		92.5	94.3		94.3	92.5			92.5	
≥ 10000 ≥ 9000	95.2 95.3	95.4 95.5		95.5	95.4 95.5	95.5	95.4	95.4 95.5	95.4 95.5		95.5	95.4 95.5 95.9	95.5	95.5	95.4 95.5 95.9	95.5
≥ 8000 ≥ 7000	95.8	95.9			96.9			96.9	95.9 96.9 97.8	96.9	96.9	96.9			90.9	96.9
≥ 6000 ≥ 5000	97.6 98.4 96.9						97.8 98.6 99.1		98.6	98.6	98.6		98.0			98.5
≥ 4500 ≥ 4000 ≥ 3500	99.4	99.5		99.5	99.5	99.5	99.5		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	99.5			99.6	99.6	99.6 99.7				99.6	99.6	99.6		99.6		
≥ 2000	99.6	99.8		99.8	99.8	99.8	79.8	99.8	99.8	99.8		99.8				
≥ 1500	99.7	100.0	100.0	1,0.0	100.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100°0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	րսս.օ	100.0	100.0
≥ 400 ≥ 300 ≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100°0	100.0	100.0
≥ 100 ≥ 0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0	µ00.∪	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3

1 6

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCUPRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (EST)

CEILING							VIS	IBILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥%	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	81.1 89.3	81.2 89.5			81.2 89.5			81.2				81.2 89.6	81.2 89.6	81.2 89.6	89.6	89.6
≥ 18000 ≥ 16000	90 • 1 90 • 7	90.2	90.9	90.9		90.9	90.3		90.9	90.3 90.9	90.9	90.9			90.3	90.9
≥ 14000 ≥ 12000	92.3 93.5		92.5 93.7	92.5 93.7	92.5 93.7	93.7		į	92.5 93.7	92.5	93,7	93.7	93.7	92.5 93.7	92.5 93.7	93.7
≥ 10000 ≥ 9000	94.3	94.5		94.6		94.6	94.7	94.7	94.6	94.6	94.7	94.7	94.6	94.7	94.6	94.7
≥ 8000 ≥ 7000	94.9 95.6	95.8			95.0 95.8	95.8				95.1 95.9					95.1 95.9	95.9
≥ 6000 ≥ 5000	96.9		97.0 98.1	98.1	97.0 98.1	98.1	98.1	99.1	97•1 98•1	97.1 98.1		97.1	97.1 98.1	97.1 98.1	97.1 98.1	97.1 98.1
≥ 4500 ≥ 4000	98.3 98.7	99.0	99.0			99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0		99.0	
≥ 3500	99.4		99.6	99.6		99.6	99.7	99.7	99.7		99.7		99.7	99.7		99.7
≥ 2500 ≥ 2000	99.5 99.6		99.9	99.9	99.7	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500 ≥ 1200	99.6	99.9	99.9	99.9	99.9	99.9		100.0	100.0	100.0	99.9 100.0	100.0	100.0	100.0	100.0	10.0
≥ 1000	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100•0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800 ≥ 700	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 0	99.6										100.0					

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING	!						VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	76.1 85.7	76.1 85.8	76.2 85.8	76.2 85.8	76.2 85.8	76.2 85.8	76.2 85.8	76.2 85.8	76.2 85.8	76.2 85.8	76.2 85.8	76.2 65.8	76.2 85.8	76.2 85.8	76.2 95.8	76.2 85.8
≥ 18000 ≥ '6000	36.3 86.9	86.4	86.4	86.4 87.1	86.5 87.1	86.5 87.1	86.5	86.5 87.1	86.5	86.5	86.5 37.1	86.5 87.1	86.5 87.1	86.5 87.1	96.5 87.1	86.5 87.1
≥ 14000 ≥ 12000	88.9	89.0 90.5	89.1 90.5	89.1 90.5	89.1 90.5	89.1 90.5	89.1 90.5	89.1 90.5	89.1 90.5	89.1 90.5	89.1	89.1 90.5	89.1 90.6	89.1 90.6	89.1 90.6	89.1
≥ 10000 ≥ 9000	91.1 91.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥ 8000 ≥ 7000	93.2	93.3	93.3	93.3	93.3	93.3		93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
≥ 6000 ≥ 5000	97.0 98.2	97.1 98.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2 98.3	97.2	97.2	97.3	97.3	97.3	97.3 98.5
≥ 4500 ≥ 4000	98.8 99.2	98.9 99.3	99.0	99.0	99.0	99.0	99.0		99.0		99.4		99.1	99,1		99.1
≥ 3500 ≥ 3000	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6			99.6
≥ 2500 ≥ 2000	99.5	99.6	97.7	29.7	99.7	99.7	99.7	99.7	99.7	99.7 99.7	99.7	99.7	99.9			7 1
≥ 1800 ≥ 1500	99.5 99.6	99.6		99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.8	99.7		99.9		99.9 106.0	99.5
≥ 1200 ≥ 1000	99.6	99.7	99.7 99.7	99.8	99.8 99.8	99.8	99.8 99.8		99.8	99.8					100.0	
≥ 900 ≥ 800	99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.9 99.9	99.9 99.9	,		99.9	99.9	-			; -	100.0	100.0
≥ 700 ≥ 600	99.6 99.6	99.7		99.8 99.8	99.9 99.9		1		99.9						100.0	,
≥ 500 ≥ 400	99.6 99.6	99.7 99.7	99•7 99•7	99.8 99.8	99.9		99.9		99.9	99.9	99.9					100.0
≥ 300 ≥ 200	99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.9 99.9		99.9 99.9			1	- 1					100.0 100.0
≥ 100 ≥ 0	99.6 99.6	99.7 99.7	99•7 99•7	99•8 99•8	99.9 99.9		99.9		99.9							100•0 100•0

TOTAL NUMBER OF OBSERVATIONS.

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM, ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MONIHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			_				VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1¼	≥ì	≥¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	74.0 83.2	74.0 83.3	74.1 83.3	74.1 83.3	74.1 83.3	74.1 83.3		74.1 83.3	74.1 83.3	74.2 83.4				74.2 83.4	74.2 83.4	
≥ 18000 ≥ 16000	83.9	34.0	84.1 84.7	84.1 84.7		84.7	84.7	84.7								84.8
≥ 14000 ≥ 12000	86.4 88.1	88.5 88.2	86.6	88.3	86.6 88.3	88.3	88.3	88.3		38.4	88.4	88.4	88	86.6	88.4	
≥ 10000 ≥ 9000	89.1 90.2	89.3 90.3	89.3 90.4	89.3 70.4		90.4	90.4	90.4	90.4	90.4	90.4		90.4	89.4 90.4	90.4	90.4
≥ 8000 ≥ 7000	92.0	94.2	92.2	92.2	92.2 94.3	92.2 94.3	94.3		94.3	94.4	94.4	94.4	94.4		94.4	94.4
≥ 6000 ≥ 5000	97.3 98.6	97.4 98.8	97.5 98.9			97.5 98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4500 ≥ 4000	99.0 99.2	99.5	99.3			99.3 99.6	99.6	99.6	99.6	99.7	99.4	99.7	99.7		99.7	99.7
≥ 3500 ≥ 3000	99.3	99.6	99.7 99.7	99.7 99.8		99.7 99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.3 99.5	99.6	99.7 99.9		99.9		100.0		100.0	100.0	100.0	100.0		100.0	100.0	100.0
≥ 1860 ≥ 1500	99.5	99.8 99.8		99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.5 99.5	99.8		99.9	99.9 99.9	99,9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.5	99.8				99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.5	99.A	99.9 99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.5 99.5	99.8 99.8		99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.5 99.5	99.8 99.8	99.9		99.9		100.0 100.0									
≥ 10U ≥ 0	99.5 99.5		99.9 99.9		~ 1	~ ;	100.0 100.0	· ·				-				. 1

TOTAL NUMBER OF OBSERVATIONS,

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LS 1)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥¾	≥;₄	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	78.1 80.3	78.1 86.3	78.2 86.4	78.2 86.4	78.2 86.4	70 • 2 86 • 4		78.2 86.4	78.2 86.4	78.2 86.4	78.2 86.4	78.2 86.4	78.2 86.4	78.2 86.4	78.2 86.4	78.2 86.4
≥ 18000 ≥ 16000	80.8 87.4	86.8 87.5	86.9 87.5	86.9 87.5	86.9 87.5	86.9 87.5		87.5	87.5		87.5	87.5	87.5		86.9	86.9 87.5
≥ '4000 ≥ 12000	89.0 91.2	89.1 91.2	89.1 91.2	89.1 91.2	89.1 91.2		91.2			91.2	89.1 91.2		91.2	89.1 91.2	89.1 91.2	89.1 91.7
≥ 10000 ≥ 9000	92.3	92.3 93.1	93.1	92.3 93.1	92.3 93.1	93.1	93.1	92.3 93.1	93.1	93.1	93.1	92•3 93•1	93.1	92.3	92.3	92.3
≥ 8000 ≥ 7000	94.2 96.0	94.3 96.1	94.3	94,3	94.3	94•3 96•1	94.3	94.3	96.1	96.1	96.1	94.3	94.3	96.1	94.3	96.2
≥ 6000 ≥ 5000	98.0 99.1	99.1	98 • 1 99 • 2	98 • 1 99 • 2	98.1 99.2			98.1 99.2			98.1	98.1	98.1 99.2		98.1 99.2	
≥ 4500 ≥ 4000	99.4 99.5	99.4	99.6	99.6			99.6		99.6			99.6	99.6	99.0	99.5	99.7
≥ 3500 ≥ 3000	99.5		99.8		99.6 99.8	99.8	99.8	99.9				99.9		99.9		99.9
≥ 2500 ≥ 2000	99.0 99.6	99.7 99.7		99.8	99.8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500	99.7 99.7	99.8 99.8	99.9		99.9 99.9		99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.7 99.7	99.8 99.8	99.9	99.9	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.7	99.8 99.8	99.9		99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.7	99,8 99,8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	
≥ 500 ≥ 400	99.7	99.8 99.8		99.9	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.7 99.7	99.8	99.9	99.9		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.7			99.9	Court of											100.0

TOTAL NUMBER OF OBSERVATIONS,

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES,						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	21%	≥1¼	≥1	≥ ¾	≥ ¾	≥!5	≥ 5/16	≥¼	≥c
NO CEILING ≥ 20000	85.4 90.3	85.4 90.3	* * *	85.4 90.3		85.4 90.3	85.4 90.3	85.4 90.3				85.4 90.3	85.4 90.3	85.4 90.3		
≥ 18000 ≥ 16000	90.6		1		90.6	90.6	90.6	90.6		90.6 91.1	90.6 91.1	90.6	90.6		90.6	
≥ 14000 ≥ 12000	92.6 93.9	92.6 93.9		92.6			92.6	92.6	92.6		92.5	93.9	92.6	92.6	92.6	92.6
≥ 10000 ≥ 9000	95.0 95.8		95.0	95.0	95.0	95.0		95.0		95.0		95.0	95.0	95.0	95.0	95.0
≥ 8000 ≥ 7000	96.2 97.4	96.2	96.2	96.2	96.2		90.2	96.2	96.2	96.2	96.2	96.2 97.4	96.2	96.2	96.2	96.2
≥ 6000 ≥ 5000	96.5 99.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4500 ≥ 4000	99.6	99.6	99.6	99.6	99.0	99.6		99.6	99.6	99.6	99.6		99.0	99.6	39.6	
≥ 3500 ≥ 3000	99.9	99.9	99.9	99.9	99.9		99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500	99.9	100.0	100.0	100.0	100.0	100-0	ico.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	100•଼ଖ	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100 - ៧	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0
≥ 760 ≥ 600	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.9	100.Q	100.0 100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	00.0
≥ 100 ≥ 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2775

0-14-5 (OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZUNA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	21%	≥1%	≥1	≥ ¾	≥ ⅓	≥ 1⁄2	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	95.3	92.3	92.4	92.4 95.4		92.4 95.4	95.4	92.4	92.4	92.4 95.4	92.4 95.4	92.4	92.1	92.4	92.4	
≥ 18000 ≥ 16000	95.7 96.6	95.8	95.8	95.8	95.8		95.8	95.8	8 و و 9		95.8	95.8	95.8	95.8	95.3	95.8
≥ 14000 ≥ 12000	97.4 98.5	97.4	97.5	97.5		97.5	97.5		97.5	97.5		97.5	97.5	97.5	97.5 98.6	
≥ 10000 ≥ 9000	98.9 99.1	98.9		99.0	99.0				-		99.0	_			99.0	
≥ 3000 ≥ 7000	99.5		99.6	99.7	99.7		99.7		99.7	99.7	99.7	99.7		99.7 99.8	99.7 99.8	
≥ 6000 ≥ 5000	99.8	99.9	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500 ≥ 4000	99.9 99.9	99.9	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	170.0
≥ 3500 ≥ 3000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1-30-0
≥ 2500 ≥ 2000	99.9 99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	99.9	100.0	1,00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	99.9	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9					100.0										
≥ 700 ≥ 600	99.9			/		100.0										
≥ 500 ≥ 400	99.9 99.9	99.9	100.0	100.C	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.9					100.0										100.0

TOTAL NUMBER OF OBSERVATIONS.

2873

USAF ETAC 1004 0-14-5 (OL A), MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

O

DAVIS MUNTHAN AFB ARIZUNA (TUCSON) 42-45,48-71,73-75

HAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥1/5	≥ 5/10	≥%	≥0
NO CEILING	90.7	90.3		90.8			• •				90.8			90.8		90.3
≥ 20000	95.0	95.1		75.1				95.1		95.1			95.1	95.1	95.1	
≥ 18000	95.5	95.6	1	95.6	95.6	95.6				95.6	95.6			95.6		
≥ 16000	96.0				96-1									96.1		
≥ 14000	97.4	97.5		₹7•5				97.5		97.5						97.5
≥ 12000	98.6				98.7		98.7				98.7					
≥ 10000	99.1	99.2		49.2												99.2
≥ 9000	99.3				99.4		99.4				99,4					99.4
≥ 8000	99.5	99.6					99.6									
≥ 7000	79.5		99.6													99.6
≥ 6000	99.6				99.7		99.7						99.7			
≥ 5000															99.9	
≥ 4500	99.9														99.9	
≥ 4000															99.9	
≥ 3500															100.0	
≥ 3000															100.0	
≥ 2500															100.0	
≥ 2000															100,0	
≥ 1800															100.0	
≥ 1500															100.0	
≥ 1200															100.0	
≥ 1000															100.0	
≥ 900															100.0	
≥ 800															100.0	
≥ 700															100.0	
≥ 600															100.0	
≥ 500															100.0	
≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.C	100.0	100.0	100,0
≥ 300															100.0	
≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100															100.0	
≥ 0	99.9	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			•——	·		·										

TOTAL NUMBER OF OBSERVATIONS

2872

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM

DATA PROCESSING BRANCH USAL ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

_23109

DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45, 48-71, 73-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥ ¾	≥5/8	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	87.1 93.0	87.2 93.1	87.2 93.1	87.2 93.1	87.2 93.1	93.1	93.1	93.1	87.2 93.1	67.2 93.1	93.1	87.2 93.1		87.2 93.1	87.2 93.1	93.1
≥ 18000 ≥ 16000	93.7 94.6		94.7	34.7	94.7	94.7	94.7	5	93.8 7	93.8	94.7	94.7	94.7	94.7	93,8	94.7
≥ 14000 ≥ 12000	96.3 98.1	98.2	98.2	98.2	98.2	98.2		98.2	76.4 98.2	96.4 98.2	98.2		98.2	98.2	96.4 98.2	98.2
≥ 10000 ≥ 9000	98.6 98.7	98.6 98.8	98.8	98.8	98.8	98.8	98.8	99.8	98.8	98.6 98.8	98.8	98.7	98.8	98.8		98.8
≥ 8000 ≥ 7000	99.0 99.2	99.1 99.3				99.3		99.3	99.1	99.3	99.3		99.3	99.3	99.3	99.3
≥ 6000 ≥ 5000	99.5 99.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7		99.7	99.7		99.7	99.7	99.7	99.7
≥ 4500 ≥ 4000	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.0	99.8
≥ 3500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0
≥ 2500 ≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.^	100.6	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	100.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.7	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100.1	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0 100.0
≥ 500 ≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	
≥ 300 ≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0
≥ 100 ≥ 0										_						100.0

TOTAL NUMBER OF OBSERVATIONS

2872

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARTIONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓2	≥2	≥1½	≥1¼	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	85.7 93.6	93.8	93.8	93.8	93.8		93.8	93.3	93.8	93.8	93.8		93.0		93.8	93.8
≥ 18000 ≥ 16000	94.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	1	95.1	94.3 95.1	94.3 95.1	94.3 95.1	95.1	94.3 95.1	94.3 95.1
≥ 14000 ≥ 12000	96.0	97.6	97.7		97.7	97.7	97.7	97.7	97.7	96.2 97.7	96.2 97.7	96.2 97.7	97.7			96.2
≥ 10000 ≥ 9000	98.0 98.1	98.3	98.4	28.4	98.4	98.4	96.4	98.4	98.4				98.4		98.4	
≥ 8000 ≥ 7000	98.8 98.8		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.6 99.0	99.0
≥ 6000 ≥ 5000	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8	99.8	99.4	99.8
≥ 4500 ≥ 4000	99.5 99.7	99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.8	99.9		99.9	99.9	
≥ 350 ≥ 3000	99.7	99.9	100.0	100.0	100.0	100.0	lno.o	100.0	100.0	100.0	100.0 100.0	100.7	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.7	99.9	100.0	100.0	100.0	too.o	170.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7 99.7	99.9	100.0	100.0	100.0	100.0	20.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.7	99.9	100.0	100.0	100.0	10c.c	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.7	99.9	100.0	100.0	100.0	100.0	ານດູ້ ວ	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.7	99.9	100.0	100.0	100.0	100.0	10.1.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.7 99.7										100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS.

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109

3

DAVIS MUNIHAN AFB AKIZONA (TUCSON)

42-45,48-71,73-75

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING		_					VIS	IBILITY (ST	ATUIE MILI	ES)						
(FEET;	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ધ	≥%	≥%	≥ 5/16	≥ ⅓	≥0
NO CEILING ≥ 20000	80.9 91.7	81.0 91.8						81.0 91.8					81.0 91.8		81,0 91.8	
≥ 18000 ≥ 16000	92.3 92.8	92.4 92.9		92•4 92•9	92.4 92.9		32.4 92.9	92.4		92.4 92.9			92.4			92.4
≥ 14000 ≥ 12000	94.0 95.5		94.1 95.6	94.1 95.6	94.1 95.6		94.1 95.6	94.1 95.6	94 • 1 95 • 6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94.1 95.6	94 • 1 95 • 6
≥ 10000 ≥ 9000	96.4 97.0	96.5 97.0	97.1	96.5 97.1	96.5 97.1	97.1	97.1	96.5 97.1	96.5 97.1	96.5 97.1	97.1	96.5 97.1	96.5 97.1	96.5 97.1	96.5 97.1	96.5 97.1
≥ 8000 ≥ 7000	97.5 98.9	97.6 99.0				97.6 99.0					97.6 99.0	-	97.6 99.0			97.6 99.0
≥ 6000 ≥ 5000	99.7 99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9					99.9
≥ 4500 ≥ 4000	99.8	99.9 99.9	100.0	100.0	100.0	99.9 100.0	170.0	100.0	100.0	100.0	99.9	100.0	100.3	100.0	100.0	99.9 100.0
≟ 3500 ≥ 3000	99.9 99.9	99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	190.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.C 100.0	100.7 100.0	100.0 100.0	100.0 100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9 99.9	99.9	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9 99.9	99.9 99.9	100.U	100.0 100.0	130.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.U	100.0	100.0	100.0	100.0 100.0	100.0
≥ 1200 ≥ 1000	99.9	99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9 99.9	99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	99,9	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.c	100.0	100.0	100.0
≥ 100 ≥ 0	99.9	99.9	100.0	100.C	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OTAL NUMBER OF OBSERVATIONS

286

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSPN) 42-45,48-75

YAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING					******		VIS	IBILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	78.2 58.7		88.7	88.7	88.7	88.7		78.3 88.7		88.7	88.7		88.7		88.7	
≥ 18000 ≥ 16000	89.3 89.7	89.7	89.7	89.7	89.7	89.7		89.3 89.7		89.7	89.7	89.7	89.7		89.7	89.7
≥ 14000 ≥ 12000	91.5 93.2	93.2	93.2	93.2	93.2	93.2	94.2	93.2	93.2	93.2	93.2	91.6 93.2	93.2	91.6 93.2	93.2	93.2
≥ 10000 ≥ 9000	93.8	95.1	95.1	95.1	95.1	95.1		95.1	93.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000 ≥ 7000	96.9	99.0	99.0	99.0	99.0	96.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000 ≥ 5000		100.0	100.0	100.0	100.0	99.8 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 4500 ≥ 4000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.J	100.0	100.0	100.0
≥ 3500 ≥ 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.n	100.0	100.0	100.0	100.0
≥ 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400 ≥ 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100						100.0										

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB AKIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET,	≥10	≥6	≥5	≥4	≥3	≥21/2	≥2	≥11/5	≥1%	≥ı	≥ ¾	≥%	≥ ⅓	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	82.7 91.5	82.7 91.6	82.7		82.7 91.6	82.7 91.7	82.7		82.7 91.7		82.7 91.7	82.7 91.7	_	82.7 91.7	82.7 91.7	82.7 91.7
≥ 18000 ≥ 16000	92.9	92.4	92.4 93.0			92.5 93.0	92.5		92.5 93.0	- •		92.5 93.0		92.5	92.5 93.0	
≥ 14000 ≥ 12000	94.3 95.9	94.3 95.9	94.3				90.0		94.4		96.0	94.4 96.0		94.4 96.0	94.4 6.0	, , ,
≥ 10000 ≥ 9000	90.6 97.3	95.6 97.3	96.6						96.7 97.4			96.7 97.4		96.7 97.4	96.7 97.4	
≥ 8000 ≥ 7000	90.9	99.8		99.8	99.8		99.8	99.9		99.8	99.8	99•0 99•8	99.8	99.8	99.0 99.8	99.8
≥ 6000 ≥ 5000	99.9			100.0	100.0		100.0	100.0		100.0	100.0		100.C			100.0
≥ 4500 ≥ 4000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.1	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9	99.9	99.9	166)	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	99.9	99.9	106.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	99.9	99.9	100.0	100.0	100.0	ino.o	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	9.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	99,9	99.9	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100-0	100.0	100.0
≥ 500 ≥ 400	99.9 99.9	99.9	99,9	100.0	100.0	100.0	i^0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		99.9						100.0 100.0	-							

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARIZUNA (TUCSON) 42-45,48-71,73-75

YAM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	24	≥3	≥2½	≥2	≥1½	≥11/4	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	90.3 94.1		90 • 4 94 • 2	90.4 94.2		90,4 94.2	. ~ .	90.4 94.2	90.4	90.4 94.2		90.4			90.4	
≥ 18000 ≥ 16000	94.6	94.7 95.3		94.7 95.4	95.4	95.4						94.7 95.4	94.7 95.4		95.4	95.4
≥ 14000 ≥ 12000		98.0	98.0		98.0	98.0		98.0	97•1 98•0		98.0	97.1 98.0			98.0	98.0
≥ 10000 ≥ 9000	90.3 98.8	90.9	98.9	98.9	98.9	98.9		98.9		98.9	98.4 98.9	98.4	98.9	98.9	98.9	98.9
≥ 8000 ≥ 7000	99.8	99.8	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.4 99.9	99.9	99.9	99.9		99.9
≥ 6000 ≥ 5000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500 ≥ 4000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	200.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99,9	100.0	100.0	100.0	100.0	100.0	ino.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	ton.o	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0											100.0					

TOTAL NUMBER OF OBSERVATIONS.

2875

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥11/5	≥1¼	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	90.3 93.0		90.3 93.1	90.3	90.3	90.3 93.1	90.3		90.3 93.1	90.3 93.1	90.3	90.3 93.1	90.3	90.3 93.1	93.1	90.3 93.1
≥ 18000 ≥ 16000	93.0 93.0	93.7	93.1 93.7		93•1 93•7	93.7	93.7	93.7	93.7	93.1 93.7	93.1 93.7				93.7	93.1 93.7
≥ 14000 ≥ 12000	95.4 97.4	97.4	97.4		97.4	97.4	97.4	97.4		97.4			97.4	95.5 97.4	97.4	
≥ 10000 ≥ 9000	98.3 98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.A	98.8	98.8	98.8	
≥ 8000 ≥ 7000	99.3	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.4 99.9
≥ 6000 ≥ 5000	99.8 99.9	100.0	100.0	99.9 100.0	100.0	100.0	100.0	99.9 100.0	100.0	100.0	99.9 100.0	100.0	100.0	100.0	100.0	99.9 100.0
≥ 4500 ≥ 4000	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000	99.9	100.0 100.0	100.0	100.0	100.0	100.0	ino.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.n	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	100.0 100.0	100.0	100.0	100.0	100.0	ing.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600		100.0 100.0														
≥ 500 ≥ 400		100.0														
≥ 300 ≥ 200	99.9	100.0 100.0	100.¢	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.9 99.9	100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.r	100.0 100.0	100.0 100.0	100.0	100.0

TOTAL NUMBER OF CIBSERVATIONS

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	>1%	≥1	≥¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	89.2 92.3	89.3 92.4		89.3 92.4				89.3 92.4		89.3 92.4		89.3 92.4		89.3 92.4		92.4
≥ 18000 ≥ 16000	92.4	92.8		92.8	92.8	92.8	97.8		92.8	92.8	92.8	92.8	92.5	92.8	92.8	92.8
≥ 14000 ≥ 12000		97.0	97.0	94.7 97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	94.7	
≥ 10000 ≥ 9000		98.6	98.6	98.6		98.6	98.6	98.6	98.6	97.9 98.6	98.6	94.4	98.6	98.6	98.6	98.6
≥ 8000 ≥ 7000		99.9	99.9		99.9	79.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000 ≥ 5000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500 ≥ 4000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9	100.0	0.00	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 1800 ≥ 1500	99.9	100 0	100.0	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000 ≥ 900	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0 100.0
≥ 800	99.9	100.0	100.0	100.0	100.0	10010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400 ≥ 300	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 100	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

2775 TOTAL NUMBER OF OBSERVATIONS

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE MAC

CEILING VERSUS VISIBILITY

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DAVIS MUNTHARI AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600~0800 HOURS (LST)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)		· ·				
IFEET,	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	88.2 91.6		71.8	91.8	91.8	91.8	91.8	91.8			88.3 91.8		88.3 91.8	88.3 91.8	88.3 91.8	
≥ 18000 ≥ 16000		92.4	92.4	, -, -, -,	92.4	92.4	92.4	92.4	92.4			92.0	92.0	92.0	92.0	92.0
≥ 14000 ≥ 12000		97.4	97.4	97.4	97.4		97.4	94.5 97.4		•			94.5	94.5		
≥ 16000 ≥ 9000		98.8	98.5 98.8	98.8	98.5 98.8	98.8	98.8	98.5 98.8	98.8	98.8				98.5 98.8	98.8	98.5 98.8
≥ 8000 ≥ 7000	99.1 99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.3 99.7	99.7	99.3 99.7	99.7	99.3 99.7	99.7	99.7	99.7
≥ 6000 ≥ 5000	99.9	100.0	100.0 100.u	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500 ≥ 4000	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.n	100.0	Lon.n	100.0	100.0
≥ 3500 ≥ 3000	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Lon.ol	100.0	100.0
≥ 2500 ≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	1.0.0	100.0	100.0	100.0	100.0	100.0	100.ol	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 • C	ات، 100	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	ton.ol	100.0	100.cl
≥ 700 ≥ 600	99.9	100.0	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	LOO. O	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	00.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109

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DAVIS MUNTHAN AFB AKIZONA (TUCSON) 42-45,48-71,73-75

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						Į
(FzET)	≥10	≥6	≥5	≥4	≥3	≥2⅓.	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	88.8 92.5	89.8 92.6		\$8.8 92.6	-				88.8 92.6		88.8 92.6				•	88.6 92.6
≥ 18000 ≥ 16000	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7 93.4	92.7	92.7	92.7	92,7		92.7	92.7	92.7	92.7	
≥ 14000 ≥ 12000	95.3 97.3	95.4 97.4	, , ,	95.4			95.4 97.4		95.4 97.4		95.4 97.4	95.4		97.4	97.4	97.4
≥ 10000 ≥ 9000	98.4 98.5	98.5 98.6				98.5 98.6			98 • 5 98 • 6			98.5				
≥ 8000 ≥ 7000	98.8	99.4	99.4	99.4	99.4	98.9 99.4	79.4	99.4	99.4	99.4	99.4	99.4	99.4	98.9 99.4	99.4	99.4
≥ 6000 ≥ 5000	99.9	100.0 100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.1	100.0	100.0 100.0	100.0	100.0 100.0
≥ 4500 ≥ 4000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000						100.0 100.0										
≥ 2500 ≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100+n	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200																100.0 100.0
≥ 100 ≥ 0	99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.3	100.0 100.0	100.0	100.0	100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)					_	
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2½	≥2	≥1½	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	85.6 90.5		85.6		85.6 90.5	85.6 90.5				85.6 90.5	85.6 90.5	85.6 90.5		85.6 90.5		
≥ 18000 ≥ 16000	90.8 91.4		90.8 91.4		90.8 91.4	90.8 91.4		90.9 91.4	90.9 91.4	90.9 91.4			90.9 91.4	90.9 91.4	90.9 91.4	
≥ 14000 ≥ 12000	93.3	95.0	95.0	95.0	95.0	95.0	92.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 10000 ≥ 9000	95.6	96.7	96.7	96.7	96.7	75.6 96.7	90.0	96.7	95.6	96.7	96.7	96.7	96.7	95.6 96.7	96.7	96.7
≥ 8000 ≥ 7000	97.8 98.8	98.8	98.9	97.9 98.9	98.9	97.9 98.9	97.9 98.9	97.9 98.9		98.9		98.9	99.0	99.0	99.0	99.0
≥ 6000 ≥ 5000	99.8	99.9	99.9		99.9		99.9	99.9		99.9	99.9		100.0	100.0	100.0	99.9
≥ 4500	99.9	99.9			99.9	99.9	99.9			99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 3500	99.9			99.9	99.9		99.9			99.9	99.9	99,9	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9	99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9	99.9	99.0	100.0	100.0	100.0	100.0 100.0
≥ 1800 ≥ 1500 ≥ 1200	99.9		,	99.9 99.9		99.9	99.9			99.9	99.9	99.0	100.0	100.0	100.0	100.0
≥ 1000	99.9	99.9	99.9	99.9	99.9		99.9	7 - 7 - 1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9		99.9	100.0	100.0	100.0	100.0
≥ 700 ≥ 600 ≥ 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9	100.0	100.0	100.0	100.0
ا ا	99.9			99.9						•					-	100.0

TOTAL NUMBER OF OBSERVATIONS.

2777

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS ECITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					_		VIS	IBILITY (ST	ATUTE MIL	ES)		-				
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥1¼	21	≥ ¾	≥%	≥%	≥ 5,/16	≥%	≥0
NO CEILING ≥ 20000	30.5 85.6	80.5 86.6		80.6 36.6		80.6 86.6		80.6 86.6			80.6 86.6					80.6 86.6
≥ 18000 ≥ 16000	86.9 87.6	87.6	86.9 87.6				86.9 87.6			87.6	87.6		86.9 87.6			
≥ 14000 ≥ 12000	89.3 91.3	ა9.3 91.3	89.3 91.3	_		89.3 91.3					89.3 91.3		-		89.3 91.3	1
≥ 10000 ≥ 9000	93.1 94.7		93.2 94.9	93.2		- 3 24			94.9	94.9	94.9	93.2	93.2 94.9			•
≥ 8000 ≥ 7000	97•1 98•7		97.3 99.0							97.3 99.1			97.3 99.1		1	
≥ 6000 ≥ 5000	99•5 99•6	99.7	99•8 99•9				99.9 100.0									
≥ 4500 ≥ 4000	99.5	99.8	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000	99.6	99.8	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.6 99.6	99.8	100•0 100•0	100.0	100.0	100.0	100.0	100 • O	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.6 99.6	99.8	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.6 99.6	99.8	100.0 100.0	100.0	100.0	100.0	100.0	100.n	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.6 99.6	99,8	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.6 99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.6	59.8	100.0 100.0	100.0	100.0	100.0	100.0	10n.7	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 300	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.6	97.8	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100•0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN SEB ARIZONA (TUCSON) 42-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (\$51)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≧I	≥ ¾	≥ ٧,	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	80.7 86.2	80.8 86.3	80.9	80.9 86.3	80.9 86.3	80.9 86.3	30.9 80.3	86.3	80.9 86.3	80.9 86.3	80.9 86.4	7		80.9 86.4	80.9 86.4	80.9 86.4
≥ 18000 ≥ 16000	86.4 87.0	86.5 87.1	86.6 87.1	86.6 87.1	86.6 87.1	86.6 87.1	86.6	86.6 87.1	86.6	86.6 87.1	86.6 87.1	86.6 87.1	56.6 87.1	87.1	86.6 87.1	86.6 87.1
≥ 14000 ≥ 12000	88.7 91.6	88.8 91.7	88•9 91•7	• • • •	88.9 91.7	88.9 91.7	88.9 91.7	88.9 91.7	88.9 91.7	88.9 91.7	38.9 91.8	88.7 91.8	88.9 91.6	88.9 91.8	88.9 91.8	68.9 91.8
≥ 10000 ≥ 9000	93.2 94.7	93.4 94.8	93.5		93.5 94.9	93.5 94.9	94.9	93.5 94.9	93.5	93.5 94.9	93.5 94.9			94.9		
≥ 8000 ≥ 7000	97.6 93.9	97.7 99.1	97.8	99.2	99.2	97.8 99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 6000 ≥ 5000	99.3 99.6			99.9	99.6 99.9		99.9	99.7 99.9	99.9			100.0	99.7 100.0	100.0	100.0	100.0
≥ 4500 ≥ 4000	99.6 99.6	99.8	99.9	99.9	99.9 99.9	99.9	99.9		99.9	99.9	100.0	100.0		100.0	100.0	100.0
≥ 3500 ≥ 3000	99.6 99.6				99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0
≥ 2500 ≥ 2000	99.6	99.8	99.9				99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.6	99.8	99.9	99.9		99.9	99.9		99.9	99.9	106.0	100.0	100.0	100.0	100.0	100.0 100.6
≥ 1200 ≥ 1000	99.6	99.8	99.9	99.9		99.9	99.9	57.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.6	99,8	99.9	99.9		99,9	29.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0
≥ 700 ≥ 600	99.6	79.8 99.8		99.9	99.9		99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0
≥ 500 ≥ 400	99.6	99.8		99.9			99.9	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6		99.9	99.9		99.9	79.9	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.6					99.9		99•9 99•9	99.9				100.0			100.0

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AF5 ARIZONA (TUCSON) 42-45,48-71,73-75

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	ATUTE MILI	ES;		~				
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥215	≥2	≥1%	≥14	≥1	≥¾	≥>,	≥n	≥ 5/16	≥4	≥0
NO CEILING ≥ 20000	87.0 90.5	90.6	87.2 90.7	90.7	90.7				90.8	87.2 90.8	87.2 90.8		87.2 90.8	87.2 90.8	87.2 90.8	
≥ 18000 ≥ 16000	90.7 91.0		90.9 91.2	91.2	91.2	91.2	90.9	90.9 91.2		90.9 91.2	90.9 91.2	91.2	90.9 91.2	90.9 91.2	90.9 91.2	- 1
≥ 14000 ≥ 12000	92.6 94.8	94.9	95.C	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0		92.8 95.0	95.0		
≥ 10000 ≥ 9000	95.8 96.5	96.7	96.8	96.8	96.8	96.8	90.8	96.8	96.8	96.8	96.8	96.8		96.8		96.8
≥ 8000 ≥ 7000	98.2	98.4 99.2	99.4	99.4	98.5 99.4	99.4	99.4	99.4					98.5 99.4	99.4		
≥ 6000 ≥ 5000	99.4 99.5	99.0 99.8	99.9	99.9		99.9	99.9				99.7 99.9		99.7 99.9			99.9
≥ 4500 ≥ 4000	99.5		99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9		99.9	99.9	99.9
≥ 3500 ≥ 3000	99.5	99.9	100.0	100.6	100.0	100.0	100.0 120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.5	97.7	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.5	99,2	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.5	49 A	100.0	1)0.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	lon.n	100.0	160.0	100.0	100.0
≥ 900 ≥ 800	99.5	99.8	100.U	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0
≥ 700 ≥ 600	99.5	99.8	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	Lon.n	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.5	90.4	ing.c	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
° ≥ 300 ≥ 200	99.5	99.8	ins.a	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	1:0.0	100.0	ار، 100	100.0	100.0	100.0
≥ 100 ≥ 0	99.5						100.0 100.0									

DATA PROCESSING BRANCH USAF ETAC AIR YEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-0200

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥1%	≥1	≥ 14	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	53.7 63.0	53.7 63.0	53.7	53.7 63.0	53.7 63.0	53.7 63.0	53.7	53.7 63.0	53.7 63.0	-	53.7 63.0	53.7 63.0	53.7 63.0		53.7 63.0	- 1
≥ 18000 ≥ 16000	63.6 65.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6		63.6	63.6	63.6	63.6	63.6
≥ 14000 ≥ 12000	74.4 84.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4		74.4	74.4		74.4	
≥ 10000 ≥ 9000	88.0	88.0 90.2	88.0	0.86	68.0	88.0	38.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 8000 ≥ 7000	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5		94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000 ≥ 5000	98.8	77.1	99.2	99.2	97.5	99.2	99.2	97.5	99.2	99.2	97.5	99.2	99.3	99.3	99.3	99.3
≥ 4500 ≥ 4000	99.2	99.5		99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.7	99.8	99.8		99.8
≥ 3500 ≥ 3000	99.3	99.7	99.9	19.9	99.9	99.9	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500	99.4	99.7	99.9		99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.9	99.9	99.9
≥ 900 ≥ 800	99.4	99.7	99.9		99.9	99.9	99.9	99.9	99.9	99,9	99.9	99.9	-	99.9		99.9
≥ 700 ≥ 600	99.4	99.8 99.8	99.9	7 7 7 7	99.9		99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.4	99.8	99.9	99.9	99.9	99.0	99.9	99.9	99.9	54.9	99.9	95.49	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	99.9	100.0	100.0	100.0	120.0	100.0
≥ 100 ≥ 0	99.4	99.8	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ 3,4	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000		58,4 07.0	58.4 67.0	- 1	58.4 67.0			58.4 67.0		07.0	50		58.4 67.0			
≥ 18000 ≥ 16000	67.5 68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
≥ 14000 ≥ 12000	77.7 86.9	86.9		77.7 86.9	86.9		80.9	77.7 86.9							77.7 86.9	
≥ 10000 ≥ 9000		93.0	93.0	73.0	93.0	93.0	93.0		93.0	93.0	93.0	93.0	93.ŭ	93.0		91.3
≥ X0	96.3 98.2		98.0	98.3	98.4	98.4	98.4	98.4			98.4	98.4	98.4		96.4 98.4	98.4
ک <u>خ</u>	99.3 99.6		99.4 99.7				99.4 99.7	99.4 99.7	99.4 99.7		99.4	99.7	99.7	99.7	99.7	
≥ 4500 ≥ 40^0	99.7 99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.8 99.9	99.9	99.9	99.8	99.9	99.8 99.9	90,0	99.8 99.9	99.9
≥ 3500 ≥ 3000	99.8 99.8	99.9 100.0	99.9 100.0	99.9	100.0 100.6	100.0	ron.a	100.0 100.0	100.0	100.0 100.0	700°0 700°0	100•0 100•0	100.0	100.0 100.0	100.0 100.0	100.0 100.0
≥ 2500 ≥ 2000	99.d	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.1 100.0	100.0 100.u	100.0 100.0	100.0	100.0 107.0
≥ 1800 ≥ 1500	99.8	103.0	100.0	loc.c	ico.o	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100-1	100.0	100.0	100.0	100°0 100°0
≥ 900 ≥ 800	99.8	100.0	ioo.c	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
2 700 > 600	59.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0 100.0
≥ 300 ≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	105.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 100 ≥ 0	99.8	100.0	100.0	1,00.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0

CEILING VERSUS VISIBILITY

DAVIS MONIHAU AFB ARIZONA(TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0400

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥٤	≥ %	≥%	≥ 5/15	≥%	≥0
NO CEILING ≥ 20000	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9	58.5 68.9		58.9		58.5 68.9		58.5 68.9	58.5 68.9	58,5 68.9	58.5 68.9	58.5 68.9	
≥ 18000 ≥ 16000	69.3 70.7	69.3 70.8	69.3 70.8	69.3 70.8			~ _		69.3 70.8		69.3 70.8	69.3 70.8		69.3 70.8		69.3 70.8
≥ 14000 ≥ 12000	79.3 89.6	79.4	79.4 89.7	79.4 89.7		89.7		89.7	79.4 89.7			79.4 89.7	79.4 89.7			79.4 89.7
≥ 10000 ≥ 9000	94.2 94.8					94.9	94.9	94.9		94.9			94.9			
≥ 8000 ≥ 7000	97.0 98.4			97.1 98.5						98.5			98.5			98.5
≥ 6000 ≥ 5000	99•2 99•3	99.4 99.5	99.5		99.5	99.5		99.5	99.5	99.5	99.5	99.4 99.5	99.5	99.4 99.5	99.5	99.5
≥ 4500 ≥ 4000	99•3 99•5	99.5 99.7	99.8		99.8	99.8		99.8	99.8	94.8	99.8		99.5		99.8	99.8
≥ 3500 ≥ 3000	99.5	99.8	99.8		99.8	99.8		99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8
≥ 2500 ≥ 2000	99.6	99.8 99.8	99.8	29.8	99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8		99.8	99.8
≥ 1800 ≥ 1500	99.6 99.6	49.8 99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000	99.6	99.8	99.9	99.9	100.0	100.0	100.5	100.0		100.0		100.0	100.C		100.0	100.0
≥ 900 ≥ 8.0	99.6	99.8		99.9	100.0		lnu=0	100.0	100.6	100.0	100-0	100.0	100.0	100•ព	100.0	100.0
≥ 700 ≥ 600	99.6		99.9	99.0	100.0	100.0	190.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.6	99.8 99.8	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	00.0
≥ 300 ≥ 200	99.6	99.8	99.5	99.9	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.6 99.6															100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

2.3%

CEILING VERSUS VISIBILITY

23109

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥1½	≥1¼	≥1	≥ ¾	≥%	≥⅓	≥ 5/16	≥¼	≥0
NO CE 4G ≥ 20000	68.6 76.8	68.6 76.8	68.6 76.3	68.6 76.8	68.6 76.8		60.6 70.8	68.6 76.8		68.6 76.8			68,6 76.8			
≥ 18000 ≥ 16000	77.6 79.9	77.5 79.9	77.6 79.9		77.6 79.9		77.6 79.9	77.6		77.6 79.9		77.6 79.9			77.6 79.9	
≥ 14000 ≥ 12000		86.1 92.9		36.1 92.9		92.9		86.1 92.9	86.1 92.9	92.9		86.1 92.9			86.1 92.9	
≥ 10000 ≥ 9000		96.3	96.3		95.9 96.3	96.3	96.3		95.9	96.3	96.3	95.9 96.7	96.3	96.3	95.9 96.3	96.3
≥ 8000 ≥ 7000		97.1 98.0		98.0		98.0		98.0			98.0		98.0	98.0		98.0
≥ 6000 ≥ 5000	98.6 99.0	99.1	98.7		98.7 99.2	99.2	98.7		99.2	98.7 99.2	90.2	98.7	99.2	99.2	98.7	99.2
≥ 4500 ≥ 4000	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99,3	99.5	99.5	99.5	99.5	99.3	99.5
≥ 3500 ≥ 3000	99.3	99.5 99.6		99.7	99.7	99.7	99.7		99.7	99.5	99.7	99.5	99.7	99.7	99.5	99.7
≥ 2500 ≥ 2000	99.5 99.5	99.6	99.8		99.7 99.8	99.8	99.8	99.A			99.B		99.8	99.8		
≥ 1800 ≥ 1500	99.5	99.6 99.7	99.0	99.8	99.8	99.8		99.8	99.8	99.8	99.8	99.B	99.8	99.8	99.8	99.8
≥ 1200 ≥ 1000 ≥ 900	99.5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9 100.0	100.0	100.0	100.0	0.001	
≥ 900 ≥ 800 ≥ 700	99.6	99.8	100.U	100.0	100.0	100.0	10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.8	100.0	100.0	100.0	100.0	ino.o	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	
≥ 400	99.6	99,8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100 ≥ 0	99.6						-								1	100.0

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB AKIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING			_				VIS	BILITY (ST;	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ¼	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	65.2 74.5	65.2 74.5	65.2 74.5	65.2 74.5	55.2 74.5	55.2 74.5		65.2			65.2 74.5	65.2	65.2 74.5	65.2 74.5		
≥ 18000 ≥ 16000	75.2 76.7	75.2	75.2	75.2	75.2 76.7	75.2 76.7	75.2	75.2	75.2	75.2	75.2	75.2 76.7	75.2	75.2 76.7	75.2	75.2
≥ 14000 ≥ 12000	81.6	81.6	81.6	b1.6	81.6	81.6	81.0		81.6	81.6	81.6	81.6		81.6	81.6	81.6
≥ 10000 ≥ 9000	89.9 90.8	89.9	89.9	89.9	89.9 90.8	89.9	89.9		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000 ≥ 7000	90.6	93.5	93.0		93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
≥ 6000 ≥ 5000	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
≥ 4500 ≥ 4000	99.3	99.4	99.4	99.4	99.4	99.4	99.5		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500 ≥ 3000	99.5	99.0	99.6	99.6	99.6				99.7	99.7	99.7			99.7	99.7	99.7
≥ 2500 ≥ 2000	99.6	99.7	99.7	99.7		99.8		99.8	99.8	99.8		97.8	99.8	99.8	99.8	
≥ 1800 ≥ 1500	99.6	99.7	99.8	99.8	99.8	99.8 99.8	99.8	99.8	99.8	99.8		99.8	99.6	99.8	99.9	99.9
≥ 1200 ≥ 1000	99.6 99.6	99.8	90.8	99.8	99.8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	99.6 99.6	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100•0 100•0
≥ 700 ≥ 600	99.6	99.8	99.5	99.9	99.9	99.9	99.9	99.9	, , ,	99.9	99.9	99.9		99.9	100.0	100.0 100.0
≥ 500 ≥ 400	99.6	99.8	99.9		99.9	99.9	99.9			99.9	99.9	99.9		99.9	100.0	100.0
≥ 300 ≥ 200	99.0 99.6		99.9		99.9	99.9	,			99.9	99.9	99.9		99.9	100.0	100.0
≥ 100 ≥ 0	99.6 99.6			99.9	99.9 99.9			99.9 99.9								100•0 100•0

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFE ARIZONA (TUCSON) 41-45,48-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥1¼	≥ı	≥¾	≥ 3/8	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	46.6	46.6	46.6	46.6	46.6	• •		46.6	46.6	46.6	46.6	46.6		40.6	46.6	
	62.2	52.2							62.2		62.2	62.2	62.2	62.2		
≥ 18000 ≥ 16000	62.6	62.6	62.6	62.6	62.6			62.6	62.6	62.6 64.1	62.6	62.6	62.6	62.6 64.1	62.6	64.1
≥ 14000	69.9	69.9	69.9	69.9	69.9		69.9	69.9	69.9	70.0						
≥ 12000	75.6	75.6		- 1	75.6			_								
≥ 10000	75.8	78.8	78.8	78.8	78.8			78.8	78.8	78.8	78.8	78.8	78.8	78.8		
≥ 9000	81.4	81.4	81,4	, ,			. ~ .	81.4	81.4						81.4	
≥ 8000	89.1	89.2	89.2	49.2	89.2		39.2	89.2	89.2	89.3						
≥ 7000	95.8	95.9	96.0		96.0			96.0			96.0		96.0	, ,		96.0
≥ 6000	98.7	98.8	99.0	99.0							99.0					99.0
≥ 5000	99.4	99.5	99.7	99.7	99.7	99.7		99.7		99.7	99.8	99.9		99.8	99.8	99.8
≥ 4500	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		
≥ 3500	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 3000	99.4			99.8			99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.4	99.6		99.8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.6						99.9				99.9				
≥ 1800	99.4				99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	99.9
≥ 1500	99.4						99.9								99.9	
≥ 1200	99.4			7	3 7 7						99.9	-				. ,
≥ 10′00	99.4	99.6					99.9									100.0
≥ 900	99.4	99.6	99.8		99.8			99.9			99.9					100.0
≥ 800	99.4						99.9									100.0
≥ 700	99.4	99.6	99.8	7 7 7 7	99.8			99.9	99.9		99.9					100.0
	99.4						99.9	99.9			99.9			99.9		
≥ 500 ≥ 400	99.5		99.8	99.9			99.9	99.9	99.9		100.0					
	99.5						99.9	99.9	99.9		100.0					
≥ 300 ≥ 200	99.5	99.6	99.8	99.9	99.9			99.9	99.9		100.0					
	99.5		99.6					99.9			100.0					
≥ 100 ≥ 0	99.5							99.9	99.9		100.3					
- 0	99.5	99.6	99.8	99.9	99.9	79.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

DAVIS MONIHAN AFB ARILONA (TUCSON) 41-45.48-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (STA	ATUTE MILE	ES)						
(FCET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	35.5 51.2	35.5 51.2	35.5 51.2	51.2 51.2	35.5 51.2	35.5 51.2	35.5 51.2	35.5 51.2	35.5 51.2	35.5 51.2	35.5 51.2	35.5 51.2	35.5 51.3	35.5 51.3	35.5 51.3	
≥ 18000 ≥ 16000	51.8 54.6			51.8 54.6	51.8 54.6	51.8 54.6	51.8 54.6	51.8 54.6	51.8 54.6	51.8 54.7	51.8 54.7	51.8 54.7	51.9 54.7	51.9 54.7	51.9 54.7	51.9 54.7
≥ 14000 ≥ 12000	64.0 73.2	64.0 73.2		04.0 73.2	64.1 73.2	64.1 73.2	64.1 73.2	64.1 73.2	64.1 73.2	64.1 73.3	64.1 73.3	64.1 73.7	64.1 73.3	64.1 73.3	64.1 73.3	64.1 73.3
≥ 10000 ≥ 9000	76.8 79.6	79.6	79.7	76.8 79.7	79.7	76.8 79.7	70.8	76.8 79.7	76.8 79.7	79.7	76.9 79.7	76.9 79.7	76.9 79.8	76.9 79.8		79.8
≥ 8000 ≥ 7000	88.6 95.7	96.1	96.2	88.9 96.2	90.4	96.4	89.0 96.4		89.0 96.4	96.5	96.5				96.6	96.6
≥ 6000 ≥ 5000	98.0 98.4	99.9		99.3	98.9 99.5		99.0	99.0 99.4	99.0 99.6	99.7	99.7	99.1 99.7		99.7	99.2 99.8	99.8
≥ 4500 ≥ 4000	98.5	99.0	99.3	99.4	99.6		99.7	99.7 99.7	99.7	99.8		99.7 99.8	99.9	99.9		99.9
≥ 3500 ≥ 3000	98.5	99.0 99.0	99.3	99.4	99.6	99.7	99.7		99.7	99.8	99.8	99.R	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	98 • 5 98 • 5	99.0	99.3	99.4	99.6	99.7	99.8	99.8	99.8 99.8	99.8	99.8	99.8 99.8	99.9	99.9	99.9	99,9
≥ 1800 ≥ 1500	98.5	99.0	99.3	99.4			99.8 99.0		99.8	99.8	99.8	99.8 99.8	99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000	98.5 98.5		99.3	99.4		99.7	99.8		99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 900 ≥ 800	98.5		99.3			99.7	99.8	99.8	99.8	99.8		99.8 99.8	99.9	99.9	100.0	100.0 100.0
≥ 700 ≥ 600	98.5 98.5		95.3	99.4		99.7 99.7	99.8	99.8 99.8	99.8 99.8	79.8	99.8 99.8	99.8	99.9	99.9	100.0	100.0
≥ 500 ≥ 400 ≥ 300	98.5 98.5 98.5	99.0	99.3	99.4	99.6 99.6	99.7	99.8 99.8	99.8		99.8	99.8	99,8	99.9	99.9	100.0	100.0
≥ 200	10,00	99.0	99.3	99.4	99.6			99.8	99, 3	99.8	99.8	99.8	99.9	25.9	100.0	100.0
≥ 100	98.5		, ,										99.9			100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

CEILING VERSUS VISIBILITY

O

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1½	≥1¼	≥1	≥ ¾	≥%	≥ 1/2	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	43.2 55.3	43.3 55.4	43.3 55.4						43.3			43.3	43.3	43.3 55.4	-	
≥ 18000 ≥ 16000	55.8 58.0		55.8		55.9		55.9 59.1	55.9	55.9 58.1		55.9		55.9 58.1	55.9 58.1	55.9 58.1	55.9
≥ 14000 ≥ 12000	65.8 76.2	66.8	66.8	66.8	66.9	66.9	60.5	66.9	66.9	66.9	66.9	66.0	66.9	66.9	66.9	66.9
≥ 10000 ≥ 9000	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7		80.7	80.7	80.7		80.7
≥ 8000 ≥ 7000	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8		90.8	90.8	90.8
≥ 6000 ≥ 5000	98.8	98.3	98.4	98.7	98.8	95.9 98.8	90.8	95.9 98.8	98.8	98.8	78.8	98.8	98.8	98.8		98.8
≥ 4500 ≥ 4000	98 • 8 98 • 8	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.7	99.8	99.7	99.8	99.6		- 1	99.8
≥ 3500 ≥ 3000	98.9	99.2	99.4	99.7	99.8		99.8		99.8	99.8		99.8	99.8		99.8	99.8
≥ 2500 ≥ 2000	98.9		99.5	99.B	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500	98.9	99.4	99.0		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	98.9		99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100 · U	100.0	100.0	100.0
≥ 900 ≥ 800	98.9 98.9	99.4	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7u0 ≥ 600	98.9		99.0	99.8	99.9	33.3	100.0	100.0	00.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0
≥ 500	98.9	99.4	99.6	99.8	99.9	33.5	100.0	100.0	00.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0
≥ 400	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	00.0	100.0	100.0	100.0	00.0	00.0	100.0	100.0
≥ 200 ≥ 100	98.9		99.6	99.8	99.9	99.9	100.0	100.0	00.0	100.0	100.0	00.0	100.0	00.0	100.0	100.0
≥ 0	98.9	99,4	99.0	99.8	99.9	99.9	100.0	100.0	00.0	100.0	10.0	00.0	00.0	00.0	00.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JULEA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

23109

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING		_					VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	62.3 73.2	62.3	62.3 73.2	62.3 73.2	62.3 73.2				62.3 73.2			62.3 73.2	62.3 73.2	62.3 73.2		
≥ 18000 ≥ 16000	73.5 74.7	73.5					_					73.5	73.5 74.7			74.7
≥ 14000 ≥ 12000	81.8 89.1	81.8 89.1		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	81.8 89.1	81.8 89.1	89.1	89.1	89.1
≥ 10000 ≥ 9000	91.1 91.6		91.6	91.6		91.6	91.6	91.6	91.6	91.6	91.6			91.6	91.6	
≥ 8000 ≥ 7000	94.6 97.3		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3		97.3	97.3	97.3	97.3
≥ 6000 ≥ 5000	99.3		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8
≥ 4500 ≥ 4000	99.8	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9		99.9	99.9		99,9	99.9 100.0
≥ 3500 ≥ 3000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 2500 ≥ 2000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	99,9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9 99.9	99.9	99.9	1,0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99,9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.2	100.0	100.0
≥ 500 ≥ 400	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	i000	100.0
≥ 300 ≥ 200	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.9 99.9	99,9														100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI\$	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥%	≥5/16	≥%	≥0
NO CEILING ≥ 20000	69.9	69.9 77.7	69.9 77.7	59.9 77.7		09.9 77.7		69.9		69.9 77.7		69.9	69.9	69.9 77.7	69.9 77.7	69.9
≥ 18000 ≥ 16000	78.0 78.8	78.0	78.0	78.0	78.0	18.0	75.0	78.0 78.8	78.0 78.8			78.0 78.8	78.0 78.8	78.8	78.8	78.0 78.8
≥ 14000 ≥ 12000	84.2 92.0	84.2 92.0	84.2 92.0				84.2 92.0		84.2 92.0	84.2 92.0		92.0		92.0	92.0	84.2 92.0
≥ 10000 ≥ 9000	94.0			94.0							94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000 ≥ 7000	96.8 98.1	96.8 98.1	96.8 98.1	96.8 98.1	96.8 98.1		96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000 ≥ 5000	99.1 99.7	99.1 99.7	99•1 99•7	99•1 99•7	99.7	99.7				99.7	99.7				99.7	
≥ 4500 ≥ 4000	99.7		99.8	99.9	100.0	99.8 100.0	100.0	100.0	100.0	99.8 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500 ≥ 3000	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500 ≥ 2000	99.9	99.9	99.9	99.9	100.C	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	99.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 700 ≥ 600	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0 100.0
≥ 500 ≥ 400	99.9	99.9	99.9	39.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0 100.0
≥ 300 ≥ 200	99.9	99.9	99.9	99.9	100.0	100.0	12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 100 ≥ 0	99.9		_ ' " .	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARIZUNA (TUCSON) 41-45,48-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	68.3 76.5		68.3 76.5	68.3 76.5	· 1	68.3 76.5		68.3 76.5	68.3 76.5	68.3 76.5				68.3 76.5	68.3 76.5	76.5
≥ 18000 ≥ 16000	76.6 77.8	76.6 77.8		76.6 77.8	76.6 77.8	76.6 77.8		77.8	77.8	76.6 77.8	77.8	77.8	77.8			77.9
≥ 14000 ≥ 12000	84 • 4 92 • 3	92.3			92.3	92.3	92.3	92.3	92.3	92.3	92.3		92.3		92.3	92.4
≥ 10000	94.6 95.3	95.3		94.6 95.3	95.3	94.6	95.3	95.3	95.3	95.3	95.3	95.7	95.3		95.3	95.4
≥ 8000 ≥ 7000	96+6 97+5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 6000 ≥ 5000	98.7		99.4		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 4500 ≥ 4000	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 3500 ≥ 3000	99.7		99.9	99.9	99.9	99.9		99.9	99.9	99.8	99.9	99.9	99.9	99.9		99.9
≥ 2500 ≥ 2000		99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 100.0
≥ 1800 ≥ 1500	99.8	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	100.0
≥ 1200	99.8	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9	99.9		99.9		99,9	99.9	99.9	100.0 100.0 100.0
≥ 900 ≥ 800	99.8 99.8	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700 ≥ 600	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	100.0
≥ 500 ≥ 400	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300 ≥ 200 > 100	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	99.8															100.0

TOTAL NUMBER OF OBSERVATIONS.

0+14+5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1½	≥1¼	≥1	≥ ¾	≥¾	≥ 52	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	74.6 81.9	74.6 81.9	74.6 81.9	74.6 81.9			74.6 91.9		74.6 81.9			74.6 81.9	74.6 81.9	74.6 81.9		
≥ 18000 ≥ 16000	82.4 83.5	ძ2.4 83.5	82.4 83.5	82.4 83.5	1	27 *	82.4	82 • 4 83 • 5	82.4 83.5		82.4 83.5	82.4 83.5	82.4 83.5			82.4 83.5
≥ 14000 ≥ 12000	88.4 94.2	88.4 94.2	94.2	88.4 94.2	94.2	94.2	88.4		88.4 94.2	94.2	94.2		88.4 94.2	88.4 94.2		
≥ 10000 ≥ 9000	95.8 96.3	96.3			96.3	96.3		96.3		96.3	96.3	96.3			- 1	96.3
≥ 8000 ≥ 7000	97.3 98.2	98.2	98.2	98.2	98.2	98.2	97.3 98.2	98.2	98.2	90.2	98.2	98.2	98.2	97.3 98.2	98.2	98.2
≥ 6000 ≥ 5000	99.1 99.7			99.1		99.7	99.7		99•1 99•7		99.7		99•1 99•7	99.1		99.7
≥ 4500 ≥ 4000	99.7 99.8	99.8	99.8		99.8	99.8				99.8	99.8			99.7 99.8	99.8	99.8
≥ 3500 ≥ 3000	99.9	100.0	100.0	99.9 100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9 100.0	100.0	100.0	99.9 100.0	100.0	99.9 100.0
≥ 2500 ≥ 2000	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0 100.0
≥ 1800 ≥ 1500	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	93.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	
≥ 700 ≥ 600	99.9	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.1	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7	100.U	100.0	100.0	100.0
≥ 100 ≥ 0			100.0													100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING			*				VIS	BILITY (STA	ATUTE MILE	ES)						
(FEET,	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	≥1¼	≥1	≥¾	≥%	≥%	≥ 5/16	≥ ∿	≥0
NO CEILING ≥ 20000	70.2 79.7	70.2 19.8	70.2 79.8	70.2 79.8	70.2 79.8	70.2 79.8	76.2 79.8	70.2 79.8	70.2 79.8		70.2 79.6	70.2 79.8	70.2 79.8	70.2 79.8	70.2 79.8	
≥ 18000 ≥ 16000	80.2 81.3	80.2 81.4	80.2 81.4	80.2 81.4	_	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2 81.4	80.2	80 • 2 81 • 4	80.2 81.4	80.2 81.4	80.2 81.4	
≥ 14000 ≥ 12000	85.7 90.2	85.8 90.3				85.8 90.3	8,.8 90,3		85.8 90.3	•		85.8 90.3	85.8 90.3	85.8 90.3	85.8 90.3	90.3
≥ 10000 ≥ 9000	91.4 92.2	91.5		91.5 92.2	92.2		91.5	- 1	91.5 92.2	92.2	91.5	91.5	91.5 92.2	91.5 92.2	92.2	92.2
≥ 8000 ≥ 7000	94.2 95.7	94.2 95.8		94.2 95.8			94.2		94•2 95•8	95.B	95.8					
≥ 6000 ≥ 5000	98.2 99.3						98.2	99.4	98.2	99.4		98.2 99.4	99.4	99.4	99.4	99.4
≥ 4500 ≥ 4000	99.3	99.8		99.8	99.B	99,8	99.4	99.8	99.4 99.8	99.8	99.8	99.4	99.9		<u> </u>	99.9
≥ 3500 ≥ 3000	99.8	99.8	99.8	99.8	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.8 99.8	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9		100.0		100.0	99.9 100.0
≥ 1800 ≥ 1500	99.8	99.9	99.9	99.9			99.9	99.9	99.9	99.9	99.9	99.9	100.0		100.0	100-0
≥ 1200 ≥ 1000	99.8	99,9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	100.0		100.6	100.0
≥ 900 ≥ 800	99.8 99.8	99.9	99.9	99.9			99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.8	99.9	99.9	39.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.0	100.0	100.0	100.0	• - 1
≥ 500 ≥ 400 ≥ 300	99.8	99.9	99.9	99.9		99.9	99.9		99.9	99.9	99.9	99.9	100.0	100.0	100.0	r · · , ı
≥ 200	99.8	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.8	99.9			3 - 3				99.9						F.	100-0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM

CEILING VERSUS VISIBILITY

3

DAVIS MUNIHAN AF8 AFIZONA (TUCSON) 41-45,48-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						ļ
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ¾	≥ 3/9	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	54.5 67.2	54.5 63.2	54.5 69.2	54.5 69.2	54.5 69.2		54.5 54.2	54.5 69.2	54.5 69.2	54.5 69.2	54.5 69.2	54.5 69.2	54.5 69.2	54.5 69.2	54.5 69.2	
≥ 18000 ≥ 16000	69.7 71.0	67.7 71.0	69.7 71.0	69.7 71.0	69.7 71.0	69.7 71.0	59.7 71.0	09.7 71.0	69.7 71.0	69.7 71.0	69.7 71.0	69.7 71.0	69.7 71.0	69.7 71.0		71.0
≥ 14000 ≥ 12000	76.6 82.2	70.5 87.2	76.0	76.6 82.2		76.6 82.2	70.6	82.2	76.6 82.2	82.2	82.2	76.6 82.7	76.6 82.2	76.6 82.2	82.2	82.2
≥ 10000 ≥ 9000	83.6 85.2	85.3	85.3													
≥ 8000 ≥ 7000	89.4 94.2	89.5	94.5	94.5	94.5	94.5	94.5	94.5		94.5	94.5	94.5	94.5		94.6	89.7 94.6
≥ 6000 ≥ 5000	97.5 99.0	97.8 99.2	99.3		99.4			90.4		99.5	99.5		99.6		99.6	99.6
≥ 4500 ≥ 4000	99.0 99.2	99.2 99.4		99.6	99.7	99.5 99.7	99.8	99.8	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 3509 ≥ 3000	99.2	99.4	99.6	99.6	99.7	99.8	99.9	99.9		99.9	99.9		99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.3	99.5	99.0	99.7		99.B	99.9	99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.3	99.5	99.0			99.8		99.9		99.9	99.9	99.9	100.0	100.0	100.0	100.0 100.0
≥ 1200	99.3	99.5	99.0		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100-0	100.0	100.0	100.0
≥ 900 ≥ 800	99.3	99.5	99.6	99.7	99.8	99.8	99.9				39.9	99.9	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.3	99.5	99.5			99.8	99.9		99.9		99.9	99.9	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.3	99.5	99.6	99.7		99.8		99.9	99.9		99.9	99.9	100.0	100.0	100.0	100.0 100.0
≥ 100 ≥ 0	79.3 99.3	99.5		99.7	99.8 99.8				99.9	•						100.0 100.0

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARTZONA (TUCSON) 41-15,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOUR!Y OBSERVATIONS)

1800-2000

CEILING							VIS	IBILITY (STA	ATUIE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥27⁄2	≥2	≥1%	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	45.7 62.5	45.7 62.5		45.7 62.5	45.7 62.5		45.7		45.7	45.7 62.5	45.7 62.5	45.7 62.5	45.7 62.5	45.7 62.5		45.7
≥ 18000 ≥ 16000	63.1	03.1 05.4	63.1 65.4	63.1 65.4		63.1	53.1 65.4	63.1 05.4	63.1	63.1 65.4	63.1 65.4	63.1 65.4	63.1 65.4	63.1	63.1 65.4	65.4
≥ 14000 ≥ 12000	72.3 79.6		79.7	79.7	72.4			79.7	72.4	79.7	79.7	72.4	79.7	79.7		
≥ 10000	82.0 83.4	83.5	83.0			83.6	83.6	83.6		87.6	82.1	83.6			82.1 83.6	83.5
≥ 8000 ≥ 7000	88.6	94.4	94.5	94.5	94.5		94.6	94.6		94.6	88.9 94.6	94.6	94.6	94.6	94.6	94.6
≥ 6000 ≥ 5000	97.3	99.0	99.2	99.3	99.3	99.3	99.4	99.4		99.4	98.0	99.4	99.4	99.4	98.1 99.4	
≥ 4500 ≥ 4000	98.8	99.2	99.5	99.5	99.6	99.6	99.4 99.7	99.7	99.7	99.7	99.4	99.7	99.7	99.7	99.5	99.7
≥ 3500 ≥ 3000	99.0	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0		100.0
≥ 2500 ≥ 2000	99.0		99.7	99.8	99.8	99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.0	99.4	99.7		99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.0		99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.0	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.0	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0 100.0	Loc. n	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.0 99.0	99.4	79.7	99.8	99.8	90.8	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.0	99.4	99.7		99.8	99.8	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.0 99.0	•	99.7								700.0 100.0					

1.

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23109

DAVIS HUNTHAN AFB ARIZONA (TUCSON)

41-45,48-75

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2000

CEILING					· ·		VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET.	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	21%	≥1	≥ 3,4	≥%	≥%	≥ 5/16	≥ 1/4	≥0
YO CEILING ≥ 20000	30.5 68.6		68.7					-	-						56.5 68.7	1
≥ 18000 ≥ 16000	68.9 70.4	70.4	70.4	70.4		68.9 70.4	- 4 - 1		-		70.4	68.9 70.4	68.9			
≥ 14000 ≥ 12000	77.0 83.2	77.0 83.2		83.3	83.3		82.3	83.3	83.3	83.3	83.3	84.3	77.0 83.3	77.0 83.3	77.0	77.0
≥ 10000	85.7	35.8 86.8		86.8		86.9	86.9	86.9	85.8 86.9	86.9	85.8 86.9	86.9	86.9	54.9	86.9	86.9
≥ 8000 ≥ 7000	90.8 95.5	95.5		91.0	95.8	95.5	95.8	95.8		95.8		95.9	95.8	95.8	95.8	
≥ 6000 ≥ 5000 ≥ 4500	98.2 99.1	99.3	99.4			99.5	94.5	99.5	98.6 99.5	99.5	98.6	99.5	99.5	99.5	93.5	98.6 99.5
≥ 4000	99.2 99.4		99.5 99.7		99.1	99.7	99.8	99.8		99.8		99,8	99.8	99.8	99.8	99.8
≥ 3000	99.4	99.6	99.7	99.8	99.8	aò 9	99,9			99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.1	99.9 100.0	100.0	100.0	100.0
≥ 1500	99.4	99.6	99.8		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0 100.6	100.0	100.0	100.0
≥ 1000	99.4	99.5	99.8		99.9	99.9		99.9	99.9	100.0	100.0	ion•n	100.0	100.0	100.0	100.0
≥ 800	99.4 99.4	99.6	99.8		99.9		99.9	99.9	99.9	100.0	100.0	LGa•∩	100.0	100.0	100.0	100.0
≥ 600 ≥ 500	99.4	99,6	99.4		99.9		99.9	99.9	99.9	100.0	100.0	100.4	100.ū	100.0	100.0	100.0
≥ 400 ≥ 300 ≥ 200	99.4	99.6	99.8	99.8	99,9	99.9	99.9	99.9	99.9	100.0	100.0	LOG. O	100.0	101.0	100.0	100.0
<u> </u>	99.4			99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.4	99.6	99.8	29.5	. ,			99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF GESERVATIONS

3056

USAF ETAC 10.44 0-14-5 (OL A) PREVIOUS EURIONS OF THIS FORM ARE OSSOLET

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

432

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	18IL:1Y (ST	ATUTE MIL	ES'						-
(FEET,	≥1C	≥6	≥5	≥4	≥3	≥25	≥2	≥1%	≥1%	≥1	≥ 3,4	≥%	≥%	≥ 5/16	≥:₄	≥0
NO CEILING	83.0	83.6	83.0	83.6	83.6	83.6	83.6	83.6					83.0			83.6
≥ 20000	86.5	86.5					86.5	86.5								36.5
≥ 18000	86.6	80.6														86.6
≥ 16000	87.2	87.2											87.2			
≥ 14000	90.7	90.7	/	90 • 7						90.7			90.7			90.7
≥ 12000	94.8	94.8														
≥ 10000	96.1	96.1	96.1	96.1			96.1	36.1	96.1	96.1			96.1	96.1		96.1
≥ 9000	96.7	96.7											96.7			96.7
≥ 8000	97.5	97.5											97.5			97.5
≥ 7000	98.7	98.7											98.7			98.7
≥ 6000	99.0	99.6														-
≥ 5000	99.7	99.8							99.9			99.8			99.0	
≥ 4500	99.7	99.8											99.8			
≥ 4000	99.7	99.8							99.8				99.8			
≥ 3500	99.8					1 : 5 1							99.5			99.9
≥ 3000	99.8		99.9						99.9				99.9			
≥ 2500	94.8									99.9						
≥ 2000	99.8		99.9		99.9	97.9	99.9	99,9	99.9	99.9	99.9	99.4	99.9	99,9		99.9
≥ 1800	99.8					99.9										99.9
≥ 1560															99.9	
≥ 1200															100.0	
≥ 1000															100.0	
≥ 900	99.8														100.0	
≥ 800	95.8														100.0	
≥ 700	99.8														100.0	
≥ 600	99.8														100.0	
≥ 500	99.8														100.0	
≥ 400	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.8	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0
≥ 200	99.8	99.9	100.0	130.0	100.0	ien.o	100.0	100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 100	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0
≥ 0	99.8	99.9	100.3	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0	100.0	102.0	120.0	100.0
			•					·			·					

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFR ANIZONA (TUCSON) 41-45,48-75

SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEE)	≥10	6	≥5	≥4	≟ 3	≥2⅓	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ %	≥';	≥ 5/16	≥14	≥0
NO CEILING ≥ 20000	37.0	87.0	84.8 87.1	84.8	84.8 87.1	84.8 87.1	84.8	84.8 87.1	84.8 87.1	84.8	34.8 87.1	84.8	87.1	84.8 87.1	84.8	84.8
≥ 18000 ≥ 16000	87.1	87.6	87.2 87.7	87.2 87.7	87.2 87.7	87.2 87.7	87.2	87.2 87.7	87.2	87.2 87.7		87.7 87.7	87.2 87.7	87.2 87.7	87.2 87.7	87.2 87.7
≥ 10 , ≥ 120, J	90.9	90.9	90.9	90.9	91.0		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0		91.0
≥ 10000 ≥ 9000	96.2	11	96.2	96.2	96.3	96.3	96.3	96.3 96.7	96.3		94.3	96.1 96.9		96.3	96.3	96.3
≥ 8000 ≥ 7000	97.2	97.3	97.3	97.3	97.3	97.3	9/.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	
≥ 6000 ≥ 5000	98.3	99.0	99.0	99.0	99.1	99.1	99.1	29.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4500 ≥ 4000	99.4	99.5	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	49.7
≥ 3500 ≥ 3000	99.6	99.7	99.0	99.8	99.8	99.8		99.8	99.8	99.9	99.9	99.9	99.4		99.9	
≥ 2500 ≥ 20 0	99.0	99.7	99.8 99.6	99.8	99.8	99.8	99.8	99.8	99.8	59.9	99.9	99.9	99.9	99.9		99.9
≥ 1800 ≥ 1500	99.6	99.7	99.8	99.8		99.8	99.8	99.8 99.8		99.4	99.9	99.9	9,,9			
≥ 1200 ≥ 1000	99.6	99.7	99.0	5.66	99.8	99.8	99.8		94.8	99.	79.9	99.9	99.9	99.9		1
≥ 900 ≥ 800	99.7	,		79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.7		99.9	99.9	100.0	100.0	100.0	700.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.7		99.9					100.0							•	t 1
≥ 300 ≥ 200	99.7	99.8		79.9	100.0	100.0	100.0	100.0 100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.7 99.7							100.0 100.0				-			•	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

Mary Same Survey of

DAVIS MUNTHAN AFE ARIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ ⅓	≥ 5/16	≥ ∿	≥0
NO CEILING ≥ 20000	93.4 86.2	85.4 86.2	83.5 86.3	63.5 86.3				83.5	83.5	-			83.5 86.3	83.5	83.5 86.3	1
≥ 18000 ≥ 16000	86.3 87.1	86.3 87.1	86.4 87.2	-	86.4			86.4 87.2				86.4 87.2	86.4	86.4 87.2	86.4 87.2	
≥ 14000 ≥ 12000	59.9 94.0	89.9 94.0	90.0 94.1	93.0 94.1	90.0 94.1	90.0 94.1	74.1	90.0 94.1	90.0 94.1	94.1	90.0	90.0 94.1	90.0 94.1	90.0 94.1	90.0 94.1	94.1
≥ 10000 ≥ 9000	95.6 96.0	95.6 96.0	95.7 96.)	95.7 96.1	95.7 96.1	26.1	96.1	95.7 95.1	95.7		95.7 96.1	95.7	95.7 96.1	95.7 96.1	95.7 96.1	96.1
≥ 8000 ≥ 7000	97.6	96.7	96.8 97.7	96.8 97.7	97.7	97,7	97.7	96.3 97.7	67.7	97.7				97.7	97.7	97.7
≥ 6000 ≥ 5000	98.8 99.4	98.9 99.5		79.6		99.6	49.6			99.6						99.6
≤ 4500 ≥ 4000	97.4 99.5	99.6 99.7				99.8	99.8						99.8	99.7 99.8	99.8	99.8
≥ 3500 ≥ 3000	99.5 99.5	99.7	99.8	99.8		99.8	99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8 99.8		99.8
≥ 2500 ≥ 2000	99.5 99.5	99.7 99.7	99.8	99.8		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		39.8
≥ 1800 ≥ 1500	99.5	99.7 99.7	99.8 99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.0	99.8	99.8	99.8 99.8
≥ 1200 ≥ 1000	99.5 99.5			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	99.9 100.0
≥ 900 ≥ 800	99.5 99.5	99.8	99.9	99.9	100.0	100.0	109.0	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.5 99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ †00 ≥ 0	99.5	99.8 99.8														100.0

CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES}						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1½	≥1¼	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	86.1 89.3	86.2 89.3	86.2 89.3	36.2 89.3	86.2 89.3	86.2		85.2	86.2 89.3	89.3	86.2 89.3			86.2 89.3	86.2 89.3	86.2
≥ 18000 ≥ 16000	39.4 90.1	89.5 90.2	89.5 90.2	89.5 30.2	89.5 90.2	89.5 90.2		89.5 20.2	89.5 90.2		89.5 90.2	89.5 90.2	89.5 90.2	89.5 90.2	89.5 90.2	89.5 90.2
≥ 14000 ≥ 12000	92.5 95.3					95.3	95.3	95.3	95.3	95,3		95.3	95.		92.5 95.3	92.5 95.3
≥ 10000 ≥ 9000	96.3 96.5		96.3	96.6	96.6	96.6	96.6	96.3 96.6	96.6	96.6	96.6	96.6	96.0		96.6	
≥ 8000 ≥ 7000	97.1 97.5				97.6	97.6	97.6		97.6	97.6	97.6	97.4	97.0	97.6	97 6	97.6
≥ 6000 ≥ 5000	98.7			99.5	99.5	99.5	99.6	99.6	99.6	93.9	99.6	99.4		99.6		99.6
≥ 4500 ≥ 4000	99.4	99.6		99.7	99.6	99.7	99.7	99.7	99.7	99,8	99.8	99.4	99.8	99.8	99.8	99,8
≥ 3500 ≥ 3000	99.5	99.7	97.7		99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.R	99.8	99.8	99.8	99.8 99.8
≥ 2500 ≥ 2000	99.5	99.7	99.8			99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	19.9	99.9	
≥ 1800 ≥ 1500	99.5 99.5 99.6			99.8		99.9	99.9	99.9	99.9		99.9	99.9	99.9	19.9	99.9	99.9
≥ 1200 ≥ 1000	99.6	99.8		99,9		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6 99.6	99.8 99.8	99.8	,	99.9	99.9	120.0	100.0	100.0	100.0	100.0	100.0	100.0	1.30.0	100.0	100.0 100.0 100.0
≥ 700 ≥ 600	99.6	99.8	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.6		99.8	59.9	99.9	99.9	100.0	100.1	100.0	100.0	100.0	100.0	100.0	1.70.0	100.0	100.0 100.0
≥ 300 ≥ 200	99.6 99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6															100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

0

0

0

0

0

0

0

0

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DAVIS MONIHAN AFB ARIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1%	≥1¼	≥ı	≥ 3/4	≥%	≥ ½	≥ 5/16	2¼	≥0
NO CEILING ≥ 20000	80.3 84.6	80.3 84.6	80.3 84.6	80.3 84.6	80.3 84.6	1	1	80.3	80.3 84.6			80.3 84.6	84.6	80.3 84.6		80.3 84.6
≥ 18000 ≥ 16000	84.8 85.6	85.6	35.6	84.8 85.6	84.8 85.6	85.6		84.8 85.6	84.8 85.6		85.6	85.4	1			
≥ 14000 ≥ 12000	87.7 90.4		90.4	87.7 20.4	87.7 90.4	90.4	87.7 99.4	87.7 90.4	87.7 90.4	87.7 90.4	90.4					87.7 90.4
≥ 10000 ≥ 9000	91.9 93.0	93.0	93.0	93.0	93.0	93.0		93.0	91.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 8000 ≥ 7000	94.9	96.5	90.5		94.9	96.5			94.9	96.5		96.5	96.5	96.5	96.5	96.5
≥ 6000 ≥ 5000	98.8 99.5	98.8 99.5	98.8 99.5	98.8 99.5	98.8 99.5		-	98.9 99.6	98.9	99.6	99.6	99.5	99.6	99.6		99.6
≥ 4500 ≥ 4000	99•6 99•8	99.6 99.8	99•7 99•8	99.7 99.8	99.7 99.8	99.7	99.7 99.9	99.7	99.7 99.9		99.9				99.9	99.9
≥ 3500 ≥ 3000	99.8 99.8	99.8	99.8 99.8	99.8 99.8	99 • 8 99 • 8		99.9	99.9	99.9) •			1	99.9	99.9	
≥ 2500 ≥ 2000	99•8	99.8	99.9	99.9 99.9	99.9	99.9	99.9 99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800 ≥ 1500	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.0		100.0	100.0	99.9 100.0
≥ 1200 ≥ 1000	99.8	99.9						99.9	99.9	100.0	100.0	100+0	100.0	100.0	100.0	100.0 100.0
≥ 900 ≥ 800	99.8 99.8	90.9	99.5	99.9	99.9 99.9							-			,	100.0 100.0
≥ 700 ≥ 600	99.9		99.9	99.9									1	1.		100.0
≥ 500 ≥ 400	99.9 99.9				99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
≥ 300 ≥ 200	99.9	29.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99 .9				99.9	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0

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CEILING VERSUS VISIBILITY

DAVIS MUNIHAM AFE AKIZUNA (TUCSON) 41-45,48-75 23109

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							vis	BILITY (STA	ATUTE MILI	ES)						
,FEET,	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥1¼	≥1	≥ ¾	≥%	21.	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	59.2 70.2	69.2 76.2	69.2 76.2	69.2 76.2	69.2 76.2	69.2 76.2	69.2 70.2	69.7 76.7	69•2 76•2	69.2 76.2	69.2 76.2	69.2 76.2	69.2 76.2	69.2 76.2	69.2 76.2	
≥ 18000 ≥ 16000	76.5 77.3	76.5 77.3	76.5	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	76.5 77.3	
≥ 14000 ≥ 12000	80.5 85.4	40.5 45.4	80.5 85.4	30.5 85.4			80.5 35.4	80.5 85.4	80.5 85.4	80.5 85.4	80.5 85.4	80.5 85.4	85.5	85.5	85.5	85.5
≥ 10000 ≥ 9000	87.4 89.3	87.4 89.3		87.4	87.4 89.3	87.4 89.3	87.4	87.4	87.4 89.3	87.4 89.3	87.4 89.3	87.4	87.5 89.3	89.3	87.5	89.3
≥ 8000 ≥ 7000	93.0 96.3	93.0	93.0	93.0 96.4	93.0	96.4	93.0 96.4	96.4	93.0	96.4	96.4	93.0 96.4	96.4	96.4	96.5	96.5
≥ 6000 ≥ 5000	96.5	98.6 99.3	99,4	98.6 99.4	98.5 99.4	99.4	98.6	99.4	98.6 99.4	98.6 99.4	99.4	98.6 99.4	98.7 99.4		98.7 99.5	98.7 99.5
≥ 4500 ≥ 4000	99.4 99.6	99.5 99.7	99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.6	99.8	99•6 99•8	99.8	99.8	99.6 99.8	99.6 99.8	99.8	99.9	99,9
≥ 3500 ≥ 3000	99.0 99.6	99.7 99.7	99.1 99.7	99.7	99.7 99.7	99.7 99.7	99.8	99.8	99•8 99•8	99.8 99.8	99.8	99.8 99.8	99.8	99.8	99.9	99.9
≥ 2500 ≥ 2000	99.6 99.6	99.7 99.7	99•7 99•8			99.7 99.8	99.6 99.8		99•8 99•8	99.8	99.6				99.9	99.9
≥ 1800 ≥ 1500	99.6	99.7	99.8 99.8	99.8	99.8		99.8	99.8	99•8 99•9	99.9 99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 1200 ≥ 1600	99.6	99.7	99.8 99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0 100.0
≥ 900 ≥ 800	99.6 99.6	99.7	99.8 99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9		99.9		99.9	100.0	
≥ 700 ≥ 600	99.6	99.7	99.8 99.8	99.8 99.8	99.8	99.8	99.9	99.9	99.9	99.9				99.9	100.0	100 • C 100 • O
≥ 500 ≥ 400	99.6	99.7	99.8 99.8		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.6	99.7	99.0 99.6		99.8	99.8			99.9	99.9		99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.6 99.6	•		99.8		99.8 99.8		, , ,	99.9							100•0 100•0

2946 TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF TI

DATA PROCESSING BRANCH USAF ETAC

AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
FEET,	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥1¼	≥1	≥¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	71.9 77.8	71.9 77.8	71.9 77.8	71.9	71.9 77.8		71.9 77.8	71.9 77.8	71.9 77.8		77.8	71.9	71.9 77.8		71.9	77.8
≥ 18000 ≥ 16000	78.0 78.7	78.0 78.7	78.0 78.7	78.7	78.0 78.7		78.7	78.0 78.7	78.0 78.7	78.0 78.7	78.7	78.7	78.0 78.7	78.7	78.0 76.7	78.7
≥ 14000 ≥ 12000	82.3 87.0	87.1	82.4 87.1	82.4 37.1	82.4 87.1	87.1	82.4 87.1	82.4 87.1	82.4 87.1	82.4 87.1	82.4 87.1	82 • 4 87 • 1	82.4 87.1	87.1	82.4 87.1	87.1
≥ 10000 ≥ 9000	89.4 91.0	89.4 91.1	91.1		89.4 91.1	91.1	89.4 91.1	89.4 91.1	89.4 91.1	89.4 91.1	91.1	89.4 91.1	89.4 91.1	89.4	89.4 91.1	91.1
≥ 8000 ≥ 7000	94.0 97.0	94.1	94.1 97.1	94.1 97.1	94.1	94 • 1 97 • 2	94.1	94 • 1 97 • 2	94 • 1 97 • 2	94.1 97.2	94.1	94.1	97.2	94.1 97.2	94.1	97.2
≥ 6000 ≥ 5000	99 0 99 3	99.2			99.3		99.7	99.3 99.7	99.3	99.3	99.3	99.3	99.7	99•3 99•7	99.3	99.3
≥ 4500 ≥ 4000	99.3 99.4	99.6 99.7	99•6 99•8	99.8	99.7 99.8	99.8		99.7 99.9	99.7 99.9	99.7			99.9		99.7	
≥ 3500 ≥ 3000	99•5 99•5	99.7 99.7	99•8		99.9	99.9		99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.5 99.5	99.7	99∙8 99∙8	99.8		99.9	99.9				99.9	99.9	99.9		99.9	99.9
≥ 1800 ≥ 1500	99.5 99.5	99.7 99.8		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.5	99.8 99.8		99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.5	99.8 99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 660	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100•0	100.0	100.0	100.0	100.7	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.5 99.5	99.E	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.5 99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.5 99.5	99.8														100.0 100.0

TOTAL NUMBER OF OBSERVATIONS.

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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CEILING VERSUS VISIBILITY

DAVIS MONTHAN AFB AKIZONA (TUCSON) 41-45,48-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)		<u> </u>				
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	≥:%	≥1%	≥1	≥ 1/4	≥ ¾	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	79.4 83.2			79.4 63.2	79.4 83.2	83.2	2.ر¤	83.2	83.2		83.2	79.4 83.2	79.4 83.2	83.2		83.2
≥ 18000 ≥ 16000	83.3 83.8	8.68	83.8	83.8	83.8	8.58	P3.B	83.8	83.8	83.8	83.8	83.3 83.8	83.3	83.8		83.8
≥ 14000 ≥ 12000	87.1 91.3	91.3			91.3	91.3	91.3	87.1 91.3	91.3	91.3		87.1 91.3		91.3		
≥ 10000 ≥ 9000	93.2 94.1	7 -	93.2 94.1		93.2 94.1	94.1	94.1	94.1				93.2 94.1	93.2 94.1		93.2 94.1	
≥ 8000 ≥ 7000	95.6 97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.8	97.8	97.8	97.8
≥ 6000 ≥ 5000	99.4	99.7	99.7	99.7	99.7	99.7	99.7		99.7	99.7	99.7	99.7		99.7	99.7	99.7
≥ 4500 ≥ 4000	99.5		99.8	99.8		99.8		99.8	99.8	99.8	99.8	99.9		99.8	99.7 99.8	
≥ 3500 ≥ 3000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9 100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.8	100.0	100.0	100.0	100.0	100.0	10 <u>0.0</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0																100.0

CEILING VERSUS VISIBILITY

DAVIS MUNIHAM AFB ARIZONA (TUCSON) 41-45,48-75

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ¼	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	87.3 89.3	87.4	87.4 89.3	67.4 89.3	87.4 89.3		29.3	87.4	87.4		87.5 89.4	87.5 89.4	-	87.5 89.4	87.5 89.4	87.5 89.4
≥ 18000 ≥ 16000	89.3 90.1	90.1	89.4 90.1	89.4 90.i	89.4 90.1	89.4 90.1	89.4 90.1	39.4 90.1	39.4 90.1	89.5 90.2	89.5 90.2	89.5 90.2	89.5 90.2	89.5 90.2	89.5 90.2	89.5 90.2
≥ 14000 ≥ 12000	91.2 93.6	91.2 93.6	91.2 93.6	91.2 93.6	91.2 93.6		91.2 93.6	91.2 93.6	91.2 93.6		91.3 93.7	91.3 93.7		91.3 93.7	91.3 93.7	91.3 93.7
≥ 10000 ≥ 9000	94.5 95.0	94.5	95.0	94.5 95.0	94.5 95.0	95.0	95.1	94.6 95.1	95.1	95.1	94.7 95.1	94.7	95.1	94.7 95.1	94.7 95.1	94.7
≥ 8000 ≥ 7000	95.7 96.9	95.8	97.0		95.8 97.0	97.0	97.0	95.8 97.0		97.1	95.9	95.9 97.1	97.1	95.9 97.1	97.1	97.1
≥ 6000 ≥ 5000	97.9 99.0	98.0 99.1	99.1	99.1	98.0 99.1	99.1	99.1	98 • 1 99 • 1	98.1 99.1	99.2	98.2	98.2	98.2 99.2	98.2 99.2	99.2	99.2
≥ 4500 ≥ 4000	99.2 99.5	99.3 99.6	99.7	99.4	99.4	99.4	99.4	99.4	99.4	99.5 99.8	99.5 99.8				99.8	99.8
≥ 3500 ≥ 3000	99.5	99.6	99.7	99.7	99.7	99.7		99.8	99.8	99.9	99.9		99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.6	99.7	99.6 99.8	99.8	99.8 99.8	99.8		99.9		100.0		100.0	100.0	100.0	100.0	100.0
≥ 1800 ≥ 1500	99.6	99.7	99.0 99.8	99.8 99.8	99.8	99.8	79.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.6		99.8	79.8 99.8	99.8	99.8		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.6 99.6		99.8		99.8 99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.6 99.6	99.7	99.8 99.8			99.8	99.9	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.6	99.7	99.8			80.8	99.9	99.9 99.9	99.9	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.6	, -	99.8			7							100.0			

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

23109

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DAVIS MUNIHAM AFB ARIZONA(TUCSON) 41-45,48-75

UCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (CST)

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1%	≥1¼	≥ા	≥ ¾	≥%	≥ 15	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	88.2	88.3	6.89	38.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	85.4	88.4	88.4
	89.9		90.0						90.1	90.1		90.1	90.1	90.1	90.1	90.1
≥ 18000 ≥ 16000	39.9	90.0		20.0		~	•	90.1	90 - 1		90.1	90.1	90.1	90.1	90.1	90.1
	90.4		90.4												90.5	
≥ 14000 ≥ 12000	91.7	91.8		91.8											91.9 94.1	91.9
	94.0								94.1	94.1		94.1				
≥ 10000	94.8		94.8	74.8						- 1						
≥ 8000	95.7	95.2		95.8			95.3			95.3					95.9	
≥ 7000	95.7		95.6 96.7	96.7				95.9 96.8		95.9 96.8					1	96.8
≥ 6000	97.9	98.0						98.1					98.1	98.1	98.1	98.1
≥ 5000	98.9		-		99.1		96.1 99.2		98 • 1 99 • 2	98.1 99.2				99.2	99.2	99.2
≥ 4500	99.0		29.2	99.2	99.2		99.3		99.3						99.3	
≥ 4000	99.4	2				99.7			99.3	-		1	99.8			
≥ 3500	99.5		99.7	99.7	99.7			99.8		99.8		99.8				
≥ 3000	99.5			99.8			99.9									
≥ 2500	99.5			29.8					99.9							99.9
≥ 2000	99.5						99,9									
≥ 1800	99.5						29.9									99.9
≥ 1500	99.5				-		99.9									
≥ 1200	99.5	99.8	99.8	99.8	99.8		99.9									
≥ 1000	99.5	99.8	79.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.5	99.8	99.9	99.9	99.9	99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	.99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.5	99.3	99.9	99.9			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.5	99.8	99.9				100.0									
≥ 500	99.5						100.0									
≥ 400	99.5						100.0									
≥ 300	99.5						100.0				_	-				
≥ 200	99.5						100.0									
≥ 100	99.5	•				,	100.0									
≥ 0	99.5	97.8	99.9	99.9	99.9	99.9	100.0	<u>100.0</u>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

UCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800 HOURS (LST)

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						1
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	≥1%	21	≥ ¾	≥30	≥%	≥ 5/16	2.	≥0
NO CEILING ≥ 20000	84.7 88.4	88.4	84.7 88.4	84.7	84.7	88.4	84.7 88.5		84.7 88.5	84.8 88.5	84.8 88.5	84.R 88.5		88.5	84.8 88.5	
≥ 18000 ≥ 16000	88.5	88.5 88.9	88.5	38.5 58.9	88.5	88.9	80.5	88.5	88.9	88.6	88.0	88.6	88.0	88.6		88.6 89.0
≥ 14000 ≥ 12000	90.5 92.2	90.5	90.5	90.5	90.5	90.5 92.2	90.6		90.5		90.0 92.3	90.6	* * * *	90.6 92.3	90.6 92.3	90.6 92.3
≥ 10000 ≥ 9000	93.5 94.3	93.5	93.5	93.5	93.5 94.3	93.5	93.6		93.6			93.6				
≥ 8000 ≥ 7000	95.1 96.3	95.1 96.3	95.1 96.3	35.1 96.3	95.1 96.3	95.1 96.3	95.2		95.2		95.2	95.2 96.4	95.2 96.4	1	95.2	
≥ 6000 ≥ 5000	97.4 98.8	97.4 98.8	97.5 98.9		97.5 98.9	97.5 98.9	97.5 '79.6	97.5 99.0	97.5 99.0		97.6 99.0	97.6 99.0			99.0	99.0
≥ 4500 ≥ 4000	98.9 99.2	98.9 99.3			99.0 99.4	99.0 99.4			99.0 99.5		99.1 99.5	99.1 99.5		99.1 99.5		99.5
≥ 3500 ≥ 3000	99.3 99.2		99.5		99.5	99.5 99.6			99.6 99.6		99.0 99.7	99.6 99.7		99.6 99.7		
≥ 2500 ≥ 2000	99 4 9°•5	99.5 99.7	99.6 99.6				99.9	99.7 99.9	99.7 99.9	99.8 99.9		99.8	99.8 99.9		99.9	99.9
≥ 1800 ≥ 1500	99•5 99•5	99.7 99.7	99•8 99•8	99.8	99.8		49.9		99.9		99.9	99.9 99.0		99.9 99.9	99.9	
≥ 1200 ≥ 1000	99.5	99.7 99.7	99.8	79.8	99•8	99.8 99.9	99,9			100.0	100.0		100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.5 99.5	99.7	99.8 99.8	99.8		99.9 99.9	99.9	99.9	99.9	100.0	100.0	100•0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.5	99.7	99.8 99.8	99.8	99.8	99.9 99.9	97.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.5	99.7	99.8 99.8	99.8			99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.5	99.7	99.8 99.8	99.8	99.8	99.9	79.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.5		99.0 99.8		99.8 99.8			1			100.0	-				i

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSUN) 41-45,48-75

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1%	≥1¼	≥1	≥ ¼	≥%	≥ '7	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	83.5 89.0	83.5 89.1	83.5 89.1	33.5 59.1	83.5 89.1	83.5 89.1	83.5 89.1	83.5	83.5 89.1	89.2	83.6	83.6 89.2	89.2	83.6 89.2	83.6 89.2	
≥ 18000 ≥ 16000	89.2 89.6		89.7		89.7	89.7			89.2 89.7		89.8	89.9	89.0	89.3 89.8	89.3 89.8	89.8 89.8
≥ 14009 ≥ 12000	91.0 92.5	92.5							91.1			92.5	92.6			
≥ 10000 ≥ 9000	93.9	94.5	94.5	94.5	94.5		94.5		94.0	94.6			94.6	94.5		
≥ 8000 ≥ 7000	95.0 96.0	96.1	95.1 96.1	95.1 96.1	96.1	95.1 96.1	95.1	95•1 96•2	95.1					95.2 96.3		
≥ 6000 ≥ 5000	96.8	98.5	98.5		98.6			98.7	97.0	98.8		98.8	98.8			97.1 98.8
≥ 4500 ≥ 4000 ≥ 3500	98.7 98.9	99.1	98.8 99.1 99.2	98.8 99.1	99.2	99.2	96.9 99.2 99.3	98.9 99.3	98.9	99.4	99.0 99.4	99.0 99.4	99.4	99.0 99.4	99.4	
≥ 3000	99.1 99.2	99.3			99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 2500 ≥ 2000 ≥ 1800	99.2	99.4	99.5		99.6		99.6		99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.3	99.5	99.5	99.5	99.7	99.7		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 1000	99.3	99.6	99.6	99.6	99.7	99.8 99.8		99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.3	99.6	99.6	99.6	99.7		99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600 ≥ 500	99.3	99.6	99.6		99.7	99.8	99.8	99.R	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.3	99.6	99.6		99.8	99.8	99.8		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.6	99.6	99.6	99.0	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.3			99.6	1					100.0				i"		

CEILING VERSUS VISIBILITY

DAYIS MUNIHAN AFB ARIZUNA (FUCSUN) 41-45,48-75

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING							VIS	IBILITY (ST.	ATUIE MIL	ES)						
******	≥10	≥6	≥5	≥4	≥૩	ž2n	≥2	≥172	≥1%	≥1	≥ ¾	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20000	79.3 86.7	79.5 86.8			79.5 86.8	79.5 86.8		79.5 86.9		1	79.5 86.9	79.5	79.5 86.9			
≥ 18000 ≥ 16000	87.1 87.7	67.2 87.3	87.2 87.9			37.2 87.9	87.3 87.9	37.3 87.9	87.3 87.9		87.3			87.3	87.3	87.3
≥ 14000 ≥ 12000	88.7 91.0	88.8 71.1	88.9 91.2		88.9 91.2	88.9 91.2			88.9 91.2	88.9 91.2	38.9 91.2	68.9 91.2	88.9 91.2	88.9	88.9 91.2	88.9
≥ 10000 ≥ 9000	92.1 92.9	92.2 93.0	92.2		92.2		92.3	92.3	92.3 93.1	92.3 93.1		92.3		92.3	92.3	92.3
≥ 80°0 ≥ 7000	94.0 95.6	94.2			94.2		94.3		94.3	94.3	94.J	94.8		96.1		94.3
≥ 6000 ≥ 5000	97.4	97.6 95.9			97.7 99.0	/	97.7 99.0	97.7	97.7	97.1	97.8	97.8 99.1	97.8	97.3	97.1	97.8
≥ 4500 ≥ 4000	98.8 99.1	99.0	_	99.1 99.5	99.1 99.5			99.2	99.2	79.2 99.5	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3500 ≥ 3000	99.2 99.2	99.5			99.6	1		99.7	99.7	99.7	99.7	99.7	99.7	99.5		99.7
≥ 2500 ≥ 2000	99•2	99.5 99.5	99.5 99.0		99.7 99.7	99.7 99.7	99.7	99.7	99.7	99.7 99.7	99.8	99.B	99.8	99.8	99,8 99,8	
≥ 1800 ≥ 1500	99•2 99•2	99.5 99.5	99.0	99.7 99.7	59.7 99.7	99.7	99.7	99.7 99.7	99.7	99.7 99.7	99.8		99.8		99.8	
≥ 1200 ≥ 1000	99.2	99.5	99.0 99.7	99•7 99•7	99.7	99.8	99.8	99.9	99.8	99.8 99.9				99.9		
≥ 900 ≥ 800	99.3	99.6	79.7 99.7	99.7 99.7	99.8			, .			99.9	99.9	100.0	00.0	100.0	100.0
≥ 700 ≥ 609	99.3	99.6	99•7 99•7	99.7 99.7	99.5	99.8		99.9		99.9	99.9	99.9	00.0	00.0	100.0	100.0
≥ 500 ≥ 400	99.3	99.0 99.6		99.7	99.8 99.8	99.8		99.9 99.9		99.9	99.9	99.9	00.0	00.0	100.0	00.0
≥ 300 ≥ 200	99.3	99.6 99.6	99.7	99.7	99.8 99.8	99,8	99.9	99.9 99.9		99.9	99.9		00.0	00.0	00.0	100.0
≥ 100 ≥ 0	99.3	99.5	99.7		99.8 99.8			99.9		99.9 99.9						

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA(TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY CBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
ifeet,	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥1%	≥1	≥ ¾	≥ ¾	≥%	≥5′16	≥ ¼	≥0
NO CEILING ≥ 20000	76.1 83.9		76.2 84.0		76.2 84.0	70.2 84.0	76.2 84.0		76.2 84.0			76.2 84.7	76.2 84.0		76.2 84.0	76.2 84.0
≥ 18000 ≥ 16000	94.4 95.2	85.3	84.5 85.3			64.5 85.3	,		84.5					84.5 85.3	84.5	84.5 85.3
≥ 14000 ≥ 12000	86.6 89.5		86.7 89.0		86.7 89.6	86.7 89.6			86.7 89.6		86.7 89.0	86.7	86.7 89.6	86.7 E9.6	86.7	39.6
≥ 10000 ≥ 9000	90.6 91.6	91.7			90.7 91.7	90.7	91.7	90.7	90.7	90.7 91.7	90.7	90.7	90.7	90.7 91.7		90.7
≥ 8000 ≥ 7000	93.0		93.7 95.2		93.7 96.2	93.7	93.7	93.7 96.2	93.7 96.2	93.7 96.2	93.7 96.2		93.7 96.2	93.7 96.2	93.7	93.7
≥ 6000 ≥ 5000	97.5 98.8		97.8 99.1	97.8 99.1	97.8 99.1	97.8 99.1	97.8	97.8 99.1	97.8 99.1	97.8 99.1	97.8 99.1		97.8 99.1	97.8 99.1	97.8	97.8 99.1
≥ 4500 ≥ 4000	78.8 99.0	99.3	99.1 99.3	99.1	99.2 99.4	99.2 99.4	99.2 99.4	99.2 99.4	99.2	99.2 99.4	99.2		99.2 99.4	99.2 99.4	99.2	99.2 99.4
≥ 3500 ≥ 3000	99•1 99•3		99.5 99.6		99.6 99.8	99.6 99.8	99.6	99.6 99.8	99.6	99.6	99.6	99.6	99.0 99.6	99.6 99.8		
≥ 2500 ≥ 2000	99•4	79.6 99.7	99.7 99.7	99.7 99.8		99.8	99.8	99.8	99.8			99.8	99.8	99.8	99.8	99.8
≥ 1800 ≥ 1500	99.4 99.4	99.7 99.7	99• <i>1</i> 99•7	99.8 99.8	99.9	99.9 99.9	99.9	99.9	99.9				99.9	99.9	99.9	99.9
≥ 1200 ≥ 1000	99.4 99.4	99.7 99.7	99.7 99.8	99•8 99•8	99.9	99.9	99.9	99.9	99.9		99.9		99.9	- 1	99.9	99.9
≥ 900 ≥ 800	99.4 99.4	99.8	99.0 99.0	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.4 99.4	99.8 99.4	99.8 99.8	99.9	100.0 100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.4	99.8 99.8		39.9 39.9	100.0	100•0	100.0	100.0	100.0	100.0	100.0	00.0	100.0 100.0	100.0	100.0	100.0
≥ 360 ≥ 260	99.4 99.4	99.8	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.7
≥ 100 ≥ 0	99.4 99.4	97.8 97.8	99.8 99.8		100.0 100.0	100.0	100.0 100.0	100.0	00.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFE 4KIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
iftET.	≥10	ک≼	≥5	≥4	≥3	≥215	≥ 2	≥1%	≥1%	≥1	≥ 34	≥%	≥%	≥ 5/16	≥%	≥0
NO CEILING ≥ 20009	80.2 85.4	50.2 55.4		30.2 35.4		85.4	80.2 35.4	80.2 85.4	85.4	85.4	85.4	80.2 85.4				
≥ 18000 ≥ 16000	35.6 36.6	86.6	86.6	96.6	86.6	26.6	86,6	86.6	96.6	86.6	86.5	86.6	86.6	86.6	86.6	36.6
≥ 14000 ≥ 12000	91.5	91.5	91.5	91.5	88.3 91.5	91.5	91.5	91.5	91.5	91.5	91."	91.5	91.5		91.5	91.5
≥ 10000 ≥ 2000	92.2 93.2	93.2		93.2	92.2 93.2	93.2	93.2	93.2		97.2	13.2	92.7	93.2		92.2	92.2
≥ 8000 ≥ 7000	94.6 96.6	96.6	96.0			96.6	90.0	96.6	94.6	94.6	96.6	96.6	95.6		96.6	96.6
≥ 6000 ≥ 5000	90.2 99.0		99.1	99.1	98.2 99.1	99.1	99.1	99.1	93.2	3. 1	98,2	99.1	99.1	98.2 99.1		
≥ 4500 ≥ 4000	99.1 99.3		99.3	99.3	99•1 99•3	99.3		99.1				99.3	99.3			
≥ 3500 ≥ 3000	99.4	99.5 99.7	99.7	99.7		99.7	99.7	99.7		99.7	99,5	49.7	37.7	99.7	99.7	
≥ 2500 ≥ 2000			99.9			99.9	99.9	99.9	99.9	99.9	99.2	99.9	99.9	99.9	99.9	
≥ 1800 ≥ 1500	99.8	100.0	100.0	100.0	100.0	100.5	176.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.8	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
≥ 900 ≥ 800	99.8	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.8	100.C	100.0	100.0	100.0	lon.n	LOU.O	100.0	100.0	100.0	100.0	100.0	100.0	0.00	100.0	100.0
≥ 500 ≥ 400	99.8	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.8	100.0	100.0	100.0	100.0	100.0	100.0	lun.n	100.0	100.0		100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0																100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ALL O-34-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DAVIS MUNIHAR AFB AKIZONA(TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							٧٠S	IBUITY (ST	ATUTE MILI	ES)						
(FEET,	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≳1¼	≥1	≥ 1/4	≥%	≥%	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	35.4 88.3	85.4 88.3	1				98.3	85.4 88.3	85.4 88.3			85.4 88.3	85.4	85.4		
≥ 18000 ≥ 16000	88.6 89.0			•		88.6	38.6	88.6 0.08	88.6	88.6		88.6	88.6	88.6	88.6	88.6
≥ 14000 ≥ 12000	90.8 93.3	,	1 1		90.8	90.8	90.8		90.8	90.8	90.0	99.8	90.0	90.8	90.8	90.8
≥ 10000 ≥ 9000	94.3	94.3		94.3			94.3	94.3	94.3	94.3		94.3	94.3	94.3		94.3
≥ 8000 ≥ 7000	95.8 97.1	95.8			1	95.8 97.1	95.8 97.1	95.9	95.8	95.8	45.8		95.0	95.8	95.8	95.8 97.1
≥ 6000 ≥ 5000	98.5 99.0	98.5		98.5 99.1	53.5	,	90.5	98.5		98.5	98.5	98.5	98.5			
≥ 45G0 ≥ 4000	99.3 99.7	99.4		99.4			99.4	99.4	99.4	99.4	99.4	99.4	99.4	95.4	99.4	99.4
≥ 3500 ≥ 3000	99.7	99.8 99.9	99.8 99.9	99.8	99.8	99.8	09.8	99.8	99.8	99.8	99.0	99.8	99.8	99.8	99.8	99.8
≥ 2500 ≥ 2000	99.8	99.1	99.9 100.0	99.9	99.9	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1300 ≥ 1500	99.9	100.0	100.0 100.0	100.0	10C.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200 ≥ 1000	99.9	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.4	100.0	100.0	100.0
≥ 900 ≥ 800	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.9	100.0 100.0	100.0	160.0	100.0	100.0	100.0	100.n	100.0	100.0	LOC.0	100.C	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.9	100.0	100.0	100.0 100.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.9	100°d	100.0 100.0	10.00	100 • C	100 • C	100.0	100.01	100 • Oli	100.0	100.0li	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB AKIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS ((\$1)

CEILING							VIS	BILITY (ST	ATUTE MIL	E S1				_		
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥ 2	≥11/2	≥1%	≥1	≥ 1,4	≥ 3.	≥ ⅓	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	84.5	84.6			84.6		34.0		84.6	84.6	34.0	84.6		84.6 89.0		
≥ 18000	88.9	89.3	89.0	89.0	89.0	39.3	34.0	89.0	89.0	89.0		89.3		89.3		لنحضنا
≥ 16000	89.5	89.6			89.7	87.7	R 1.7	89.7	89.7	89.7		89.7		89.7		
≥ 14000	90.5	90.6	90.6		90.6	90.6		90.0	90.6	90.6	90.0	90.6		90.6	90.6	90.6
≥ 12000	92.7	92.8	92.9	92.9		92.9	9,.9	92.9	92.9	92.9	72.9	92.9		92.9		
≥ 10000 ≥ 9000	93.7	93.8	93.8		93.8	93.8			93.8	93.8		93.8		93.8		93.9
ļ	94.2	94.4		_					94.4	94.4		94.4		94.4		
≥ 8000 ≥ 7000	72.0	95.1	95.1	1 ه د		95.1	95.1	95•1	95.1	95.1	95.1	95.1	, - · -	95.1	95.1 96.1	95.1
≥ 6700	97.2	96.0	96.0		90.1	96.1 97.4	90.1 97.4	97.4	96.1	96.1 97.4		97.4	97.4	96.1 97.4	97.4	
≥ 5000	98.2	98.3					, , -		- .	-						, ,
≥ 4500	93.5			98.7	98.8								98.6			
≥ 4000	99.1	99.7	99.3	99.3						- 1		99.1	99.3	99.3	99.3	97.4
≥ 3500	99.1	14.3	99.4	79.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4		
≥ 3000	99.3										99.0		99.0			
≥ 2500 ≥ 2000	97.4					99,7	, , ,	99.7	99.7							9 I
ļ	99.5		99.8					$\overline{}$					99.8			لــــــــــــــــــــــــــــــــــــــ
≥ 1800	99.5	99.7	99.8 99.8			-										
≥ 1200	99.5															
≥ 1000	99.5	99.7		' ' ~						- 1			99.8			99.9
≥ 900	99.5												99.0		99.8	99.9
≥ 800	99.5	99.3	97.9	99.9	99.9	99.9	99.9	99.9	99.9				99.9	99.)	99.9	100.0
≥ 700	99.5			1 , , , , ,				99.9			99.9		99.9			100.0
≥ 600	99.6						100.0									
≥ 500	99.6						100.0									
	99.6						100.0									
≥ 300 ≥ 200	99.6											-		1. 1		100.0
≥ 100	99.0															100.0
≥ 0	99.6		_													100.0
·	•	لــــــا		لـــــــــــــــــــــــــــــــــــــ	لبنسيب	ــــــــــــــــــــــــــــــــــــــ	· · · ·	C. F			لتسنيب		•			

CEILING VERSUS VISIBILITY

DAVIS MUNIHARI AFB ARIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BIL Y (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1½	≥1¼	≥1	≥ 1,4	≥ ¼	≥ %	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	83.8 88.4	84.0 88.5	84.0 88.3	84.0 88.5	64.0 88.5	84.0		84.0 88.5	84.0 88.5	84.0 88.5	84.0 88.5	84.0 88.5	84.0 88.6	84.0 88.6	84.0 88.6	84.0 88.6
≥ 18000 ≥ 16000	80.7 89.0	88.8 39.1	88.8 89.1	ს8•6 ც9•1	89.8 87.1	88.4 89.1	8.85 89.1	88.8 89.1	88.8	88.8 89.1	88.8	88.8	88.9 89.2	88.9 89.2	88.9 89.2	88.9
≥ 14000 ≥ 12000	90.0 91.9	90.1 92.0	90.2 92.1	92.1	90.2 92.1	90.2 92.1	90.2 92.1	90 • 2 92 • 1	90.2 92.1	96.2 92.1	92.1	90 • 2 92 • 1	90.2 92.1	90.2	90.2	90.2 92.1
≥ 10000 ≥ 9000	92.8 93.2	92.9					92.5	93.0 93.5		93.5				93.0	93.0	93.5
≥ 8000 ≥ 7000	93.9	14.9			94.2	35.0			95.0	95.0	95.0	95.0	94.2	94.2 95.1	94.2	94.2
≥ 6000 ≥ 5000	96.4	96.6 97.6		97.7	97.8		97.8	96.7 97.8	97.8	97.8	97.8	97.8		97.8		
≥ 4500 ≥ 4000	98.6		98.3	99.0		99.n	99.1	98.4	99.1	99.1	98.4		98.4	99.1	98.4	90.1
≥ 3500	98.7		99.3	99.3	99.4		99.4		99.4	99.4	99.4	99.4	99.2	99.4	99.4	
≥ 2500 ≥ 2000	99.0	99.5	99.5	99.7	99.5	99.7	99.7	99.6	99.7	99.7	99.7	99.7	99.6 99.8 99.8	99.8	99.6 99.8	99.8
≥ 1800 ≥ 1500	99.2 99.2	99.5 99.5	99.0 99.0		99.7 99.7	99.7	99.7	99.7 99.7	79.7	99.7	99.7	99.7	99.8		99.8	99.8
≥ 1200 ≥ 1000 > 900	99.2	99.6	99.7	99.7	99.7		99.8	99.8	99.8	99.8	99.8	99.2	99.8	99.8	99.8	1 1
≥ 870	99.2	99.6	99.7	99.7 99.7	99.7		99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.a	99.8
≥ 600	99.2	97.6	99.7	99.7 99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8		99.8	99.8	99.8
≥ 500 ≥ 400 ≥ 300	99.2	-	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.7	99.9	99.9	99.9	99.5
≥ 200	99.2	39.6 99.6	99.7	99.7	99.8	99.8		99.9	99.9		99.9	99.9	99.9	99.9	99.9	
≥ 100	99.2	99.5	99.7	99.7	99.8							-				100.0

TOTAL NUMBER OF OBSERVATIONS __

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CEILING VERSUS VISIBILITY

DAVIS MUNICIAN AFB ARIZONA (TUCSON) 41-45,48-75

HINOM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Co00-0800

CEILING							VISI	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥ ¾	≥%	≥ ⅓	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	79.4 85.4	79.5 85.4	79.5 85.5	79.5 85.5	79.5 85.5	79.5	79.0	79.5 85.6	79.6	79.6 85.6	79.6	79.6 85.4		79.6 85.6	79.6 85.6	79.6 85.6
≥ 18000 ≥ 16000	85.7 86.8	85.7	85.7	85.7	85.7	85.7	84.9	85.8	85.8	85.8	85.8	85.8		85.9 87.7	85.9 87.0	
≥ 14000 ≥ 12000	88.3 90.2	88.3	88.3	88.3	88.3	88.3 90.3	88.4	88.5	88.5	88.5	88.5	88.5 90.4	88.5	88.5 90.5	88.5	88.5 90.5
≥ 10000 ≥ 9000	91.3	91.4	_ ~ .	91.4	91.4	91.4 91.8	91.5	91.5	91.9	91.5		:		91.6	91.6	91.6 92.0
≥ 8000 ≥ 7000	92.8 94.0	92.9	92.9 94.1	92.9	92.9	92.9	90.0	93.0	93.0	93.0			_	93.1 94.3	93.1 94.3	93.1 94.3
≥ 6000 ≥ 5000	96.4 98.2	•	96.5	96.5	90.5	96.5	90.0	96.6	96.6	96.6	96.6	96.5	96.7	96.7	96.7 98.5	96.7 98.5
≥ 4500 ≥ 4000	98 • 6 98 • 8		1	98.7 99.0			90.8				98.8	98.8	98.9	98.9		98.9 99.2
≥ 3500 ≥ 3000	98.9 99.1	98.9	99.0	99.0			, , , ,	99.2		99.2 99.5						
≥ 2500 ≥ 2000	99.2 99.3			99.5 99.6		99.5		99.7 99.8	99.7	99.7 99.8				99.7 99.8		
≥ 1800 ≥ 1500	99.3	_			99.6	99.7			99.8		99.8		• • •			
≥ 1200 ≥ 1000	99.3 99.3				99.7 99.7	99.7 99.7	99.8		99.9							
≥ 900 ≥ 800	99.3	99.5 99.5	1	, ,	99•7 99•7	99.7 99.7						•			99.9	99.9
≥ 700 ≥ 600	99.3 99.4			99.8	99•7 99•8	99.7 99.8	79.8 99.9								99.9 100.0	99•9 100•0
≥ 500 ≥ 400	99.4 99.4	99.6	99.7	99.8 99.8	99.8	99.8	96.9								100.0 100.0	
≥ 300 ≥ 200	99.4 99.4	99.6		99.8 99.8	99.8	99.8	, ,								100.0 100.0	100.0 100.0
≥ 100 ≥ 3	99.4 99.4			99.8		•			~ .						i.	100.0

TOTAL NUMBER OF OBSERVATIONS.

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DAVIS MUNIMAN AFB ARIZUNA (TUCSON) 41-45,49-75

VOV HINCK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY (STA	ATUTE MILE	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥%	≥ ½	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	7d.2 85.3	75.4 85.5	78.4	78.5	78,5	78.5 85.7	70.5 85.7	78.5 85.7	78.5 85.7	78.5 85.7	78.5 85.7	78.5	78.5 85.7	78.5 85.7	78.5 85.7	78.6 85.8
≥ 18000	85.9	85.1	85.0	85.7	86.2	85.2	86.3	86.3	86.3		86.3		86.3		86.3	86.3
≥ 16000	87.4	87.5	87.7	87.7	87.7	87.7	57.8	87.8	87.8	87.8	87.8	87.8	87.8	87.6		87.8
≥ 14000 ≥ 12000	87.6	84.9		90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.7	91.2	91.2	92.3	
≥ 9000	92.1	92.3	92.5	92.5	92.5	92.5	92.0			92.6		92.4	92.6		- 1	92.6
≥ 8000	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3		93.3	93.3	93.3	93.3	
≥ 7000	93.7	93.9	94.0		94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000 ≥ 5000	97.1	95.0	95.7	95.8 97.7	97.7	95.8 97.7	95.9	97.8	97.8		97.8		97.8		97.8	97.8
≥ 4500	97.5	97.8		98.1	98-1	98.1	90.2	98.3	98.3	98.3	98.3	98.3	98.3	95.3	98.3	- 1
≥ 4000	97.9	98.2	98.5		98.6	98.6		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 3500 ≥ 3000	96.1 98.3	98.4 98.6	98.7 98.8	98.8	98 • 8 99 • 0	98.6		98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9	98.9 99.1	98.9 99.1	99.0 99.1
≥ 2500	98.4	98.7	99.0		99.2	99.2	99.3	99.4	99.4			99.4	99.4		99.4	
≥ 2000	98.5	99.9	99.3		99.4			99.6	99.6							
≥ 1800 ≥ 1500	98.5	98.9	99.3		99.4	99.4	99.5	99.6	99.6			99.6	99.6		99.6	
≥ 1200	98.6	99.0	99.3		99.5	99.5	79.6		99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.6	99.0	99.3	• • •	99.5	99.5			99.7	99.7		99.7	99.7		99.7	99.7
≥ 900 ≥ 800	98.7	99.1	99.4		99.6	99.6		99.8	99.8	99.8		99.8	99.8	99.8	99.8	
≥ 700	98.7	99.1	99.5		99.6	99.6	99.7	99.8	99.8			99.8		99.8	99.8	99.9
≥ 600	98.7	99.1	99.5		99.6	99.6	99.8		99.8			g , a	99.8	99.R	99.8	99.9
≥ 500	98.7	99.1	99.5		99.7	99.7	99.8	99.8	99.8			1,9.9			99.9	
≥ 400 ≥ 300	98.7	99.1	99.5		99.7	99.7	99.8	99.8	99.8			99.9	99.9		99.9	
≥ 300 ≥ 200	98.7	99.1	99.5	• • • • •	99.7	99.7	99.8	99.9	99.9			99.9	99.9	1		100.0
≥ 100	98.7	99.1	99.5		99.7	99.7	99.8	99.9	99.9			99.9	99.9		99.9	100.0
≥ 0	98.7	99.1	99.5	99.6	99.7	79.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

29: 1

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB AKIZU A(TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (ST	ATUTE MILE	ES;						
(rEET)	≥10	≥6	≥ 5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥14	≥1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ار	≥0
NO CEILING ≥ 20000	75.3 85.1	75.4 85.2	75.4 85.2	75.4 85.2	75.4 85.2	75.4 85.7	75.4 85.3	75.5 85.3	75.5 P5.3	75.5 85.3		75.5 85.3	75.5 85.3	75.5 85.3	35.3	75.5 85.3
≥ 18000 ≥ 16000	85.5 86.5	85.6	85.7 86.7	85.7	85.7 80.7	85.7	85.7	85.8 86.8	85.8 86.8		86.8	85.8 86.8	85.8 86.8	85.8 86.8	86.8	85.8 80.8
≥ 14000 ≥ 12000	88.5 89.9	88.7 90.0	88.7 90.1	88.7	88.7 90.1	69.7 90.1	მ8•7 96•2	88 • 8 90 • 2	88.8 90.2	88.8 90.2	90.2	88.8 90.2	88.8 90.2	88 • 8 90 • 2	90.2	88.8 90.2
≥ 10000 ≥ 9000	90.9 91.6	91.1 91.7	91.8	91.8	91.2 91.8	91.8	91.2	91.3 91.9	91.3 91.9		91.9	91.3 91.9	91.3 91.9	91.9	91.9	91.3 91.9
≥ 8000 ≥ 7000	92.1 93.1	92.3	92.5	92.4	92.4		92.4	92.5	92.5	92.5	92.5	92.5 93.4	92.5 93.4	92.5	93.4	92.5
≥ 5000 ≥ 5000	95.4 97.3	95.5	95.6	95.7	95.7 97.6	97.5	95.7	95.8 97.7	95.8 97.7	95.8 97.7	95.0 97.7	95.8	95.8 97.7	95.8 97.7	97.7	95.8
≥ 4500 ≥ 4000	97.8 98.2	97.9 98.4	98.0 98.4	98 • 1 98 • 5	98.1		90.1 98.6		98•2 98•7	98.2 98.7	98.2 98.7	98 • 2 98 • 7	98.2 98.7	91. • 2. 91 • 7	98.2 98.7	98.2 98.7
≥ 3500 ≥ 3000	98.3 98.7	98.5 98.9	98.6	98.7 99.1	98.7 99.1	98.7 99.2	96.8	98 • 8 99 • 3	98.8	98.8 99.3		98 • 8 99 • 3		90.8 99.3	99.3	99.3
≥ 2500 ≥ 2000	98.8 98.8	99.0 99.1	99.0 99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.4	99.4	99.4 99.5	99.4		99.4
≥ 1600 ≥ 1500	98.8 98.8	99.1 99.1	99.1 99.2	99.3	99.4	99.4 99.5	99.5 99.5	99.5	99.5 99.6		99.6	99.5 99.6		99.5 99.6	99.6	99.6
≥ 1200 ≥ 1000	98.8	99.1 99.2	99.3		99.5	99.6	99.6	99.7 99.8	99.7 99.8							99.7
≥ 900 ≥ 800	98.9	99.2 99.3	99.3	99.5	99.6	99.5	99.7 99.8		99.8 99.8		99.9	99.8	99.9	99.9	99.9	99.8
≥ 700 ≥ 600	98.9 98.9	99.5 99.3	99.4 99.4	99.5	99.6	99.7	99.8		99.8			99.9		99.9		99.9
≥ 500 ≥ 400	98.9	99.3	99.4 99.4		99.6	99.7	99.8		99.8	99.9	99.9		99.9	99.7	99.9	
≥ 300 ≥ 200	98.9	99.3	99.4		99.7				99.9		99.9	99.9	99.9	99.9	99.9	49.9
≥ '00 ≥ 0	98.9 98.9	99.3 99.3	,	99.6 99.6	99.7 99.7	99.7 99.7	99.8 99.8	99.9	99.9		99.9					100 • 0 100 • 0

TOTAL NUMBER OF OBSERVATIONS...

CEILING VERSUS VISIBILITY

0

0

0

C

DAVIS MUNTHAN AFR AKIZONA (TUCSON) 41-45,48-75

N()V

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (CST

CEILING							vis	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥ì	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	73.9 84.5	13.9	73.9 84.6	73.9 84.6		73.9 84.6	73.9	74.0				74.0 84.7		74.0 84.7	74.0	
≥ 18000 ≥ 16000	84.8 86.4	ა4,9 მ6,5	84.9	84.9 86.5		84.9	84.9 86.5	35.0 86.6	85.0			85.0 86.6		85.0 86.6		
≥ 14000 ≥ 12000	87.8 89.4	- I	87.9 89.6	87.9 89.6	87.9 89.6	87.9 89.6	87.9 89.6	88.0 89.7			88 • 1 89 • 7	88 • 1 89 • 7	88.1 89.7	88 • 1 89 • 7	88.1 89.7	
≥ 10000 ≥ 9000	90.7	90.8 91.8	90.0 91.8	90.8		90.8 91.8	90.8 91.8	90.9 91.9	91.9	92.0		91.0 92.0	91.0 92.0	92.0	92.0	92.0
≥ 8000 ≥ 7000	92.6		92.1 93.1	92.7 93.7	92.7 93.7	92.7 93.7	92.7	92•8 93•8	93.8	93.9	92.8 93.9	92.8 93.9	93.9	92.3 93.9	93.9	93.9
≥ 6000 ≥ 5000	90.5 98.1	96.6 98.2		96.7 98.3		96.7 98.3	96.7 98.3	96.8 98.4	98.4	98.5		98.5	98.5	98.5	98.5	98.5
≥ 4500 ≥ 4000	98.7	98.8		98.5 98.9	98.9		99.5	98.6 99.0	99.0	99.0	99.0		99.0		99.0	99.0
≥ 3500 ≥ 3000	98.7 98.9			99.0 99.1	99.1	99.0 99.1	99.0	99.1				99.1 99.3		99.1		99.3
≥ 2500 ≥ 2000	99.0			99.2 99.4		99.2 99.4	99.2	99.3	99.5		99.4	99.4	99.4	99.4 99.5	99.5	99.5
≥ 1800 ≥ 1500	99.0 99.2	99.4	99.5	99.4			99.4		99.7	99.5				99.5 99.8		99.8
≥ 1200 ≥ 1000	99.2 99.3	99.5			99.6 99.7	99.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9			99.9
≥ 900 ≥ 800	99.3	99.5		99.7	99.8			99.9	99.9	100.0		100.7		100.0	100.0	100.0
≥ 700 ≥ 600	99.3	99.5				99.8		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 500	99.3	99.5		99.7		99.8		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.3	99.5	99.7	99.7	99.8 99.8	59.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.3			99.7 99.7	99.8 99.8										•	100.0

TOTAL NUMBER OF OBSERVATIONS.

DATA PROCESSING BRANCH USAF FIAC AIR WEATHE . ERVICE/HAC

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFB AKIZONA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2⅓	≥2	≥1%	≥1%	≥ı	≥ ¾	≥%	≥ 1/2	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	80.1	80.1 86.9	80.2 86.9	30.2 86.9		89.2 86.9	80.2 86.9		80.2 86.9	80.2 86.9	80.2	80.2 80.9		80.2 86.9	80.2	
≥ 18000 ≥ 16000	87.4 88.6	• 1	98.6	87.4	1	87.4 88,6	8/.4	87.4	87.4 88.6	87.4 88.6	87.4 88.6	87.4	, , ,	87.4 88.6		
≥ 14000 ≥ 12000	89.9 91.6	49.9	89.9	59.9	89.9	59.9	89.9	89.9	89.9	89.9		89.9	89.9	89.9	89.9	89.9
≥ 10000 ≥ 9000	92.7	92.7	92.0	92.8	92.8	92.8	92.8		92.8	92.8	92.8	92.0	92.8	92.8	92.8	92.8
≥ 8000 ≥ 7000	94.0		94.1	94.1	94.1	94.1	94.1	94.1	94.1		94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000 ≥ 5000	97.3		97.5 98.8	97.5	97.5	97.5 98.3	97.5	97.5	97.5	97.5		97.5	97.5	97.5	97.5	97.5
≥ 4500 ≥ 4000	90.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0		99.0	99.0	99.0	99.0	99.0	99.0
≥ 3500 ≥ 3000	99.2	99.3	99.4	99.4		99.4		99.4	99.4		99.4	99.4	99.4	99.4		99.4
≥ 2500 ≥ 2000	99.5		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7		99.7	99.7	99.7	99.7	99.7
≥ 1800 ≥ 1500	99.5	99.6	99.3	99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 1200 ≥ 1000	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9 100.0	99.9	99.9	99.9	99."	99.9	99.9	99.9	99.9 100.0
≥ 900 ≥ 800	99.7	99.8 99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ . S ₹	99.7 99.7	99.8 99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.7	99.8	99.9	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.7 99.7	99.8 99.8	99.9	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

23109

DAVIS MONTHAN AFB AKIZONA (TUCSPN) 41-45,48-75

NUV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1½	≥1¼	≥ı	≥ ¾	≥%	≥%	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	83.4	83.3 88.5	83.3	88.5		83.3 48.5	88.5	83.3 88.5	83.3 88.5			83.3	83.3 88.5	83.3		
≥ 18000 ≥ 16000	38.7	88.3	88.8	8.84	84.8	88.88	8.82	88.8	88.8	88.8	88.8	88.8	88.3	88.8	88.8	88.8
≥ 14000 ≥ 12000	89.6 91.0	91.1	91.1	91.1	91.2	89.7 91.2	39.7		91.2	91.2	91.2	89.7 91.2	91.2	91.2	91.2	91.2
≥ 10000	92.7	93.9	93.9	93.9	93.9	92.9	73.9			93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 9000	94.7			94.4		94.4	94.9				94.4	94.4		94.4	94.9	
≥ 7000	95.4		95.5	95.5			97.4	95.6			97.4	95.4			95.6	
≥ 5000 ≥ 4500	98.4	98.5	98.5		98.5	98.5	96.5	98.5	98.5	96.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3500 ≥ 3000	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500 ≥ 2000	99.4 99.4	99.6		99.6 99.7	-		99.7 99.8	99.7 99.8	99.7 99.8		99.8	99.7 99.8				99.8
≥ 1800 ≥ 1500	99.4 99.4			99.7	99.7	99.7 99.7	99.8		99.8 99.8		99.8 99.8				99.8	
≥ 1200 ≥ 1000	99.4			99.7 99.7	99.7 99.8	99.7	99.8	99.8		-	99.8	99.8 99.8				
≥ 900 ≥ 800	99.4	99.6		99.7 99.7	99.8	99.8	99.8					-	_	99.8 99.8	99.8	
≥ 700 ≥ 600	99.4	99.6	99.7	99.7	99.8	99.8	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	94.9
≥ 500 ≥ 400	99.4	99.07	99.8		99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.4	99.7	99.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.4	99.7	99.6	99.8	99.9	99.9	27.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	l.
	99.4	99.7	99.8	99.8	99.9	99.9	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS.

274

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

160

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-71,73-75

UEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES)						
(FEET,	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	21%	≥1	≥ ¼	≥%	≥%	≥ 5/16	≥4	≥0
NO CEILING ≥ 20000	75.9 81.9		76.0 82.0			76.0 82.0		76.0 82.0	76.0 82.0							
≥ 18000 ≥ 16000	82.2		82.3 83.0		82.3 83.1	82.3 63.1	87.3	82.3	82.3 83.1	82.3 83.1	82.3 P3.1	82.3 83.1	82.3 83.1	82.3 83.1	82.3 83.1	
≥ 14000 ≥ 12000	84.9 87.3	87.3		87.4	87.4	85.0 87.4	87.4	85.0 87.4	85.0 87.4	87.4	85.0 87.4		85.u 87.4	85.0	87.4	87.4
≥ 10000 ≥ 9000	38.9	89.4		89,4	89.4	89.0 89.4	84.4	89.0 89.4	89.0 89.4	89.4	89.4	89.4	89.0 89.4	89.4	89.4	89.4
≥ 8000 ≥ 7000	90.0	91.2		91.3	91.3			90.2	90.2	90.2				90.2	91.3	91.7
≥ 6000 ≥ 5000	92.9	95.4	95.4		93.1 95.4	93.1 95.4	93.1	33.1 95.4	93•1 95•4		93.1 95.4		93.1 95.4	93.1 95.4		95.4
≥ 4500 ≥ .000	96.1		97.0	97.0		96.4 97.0			96 • 4 97 • 0	97.0		96.4				97.0
≥ 3500	97.2 97.9 98.3	98.2		98.3	98.3	97.5 98.3 98.6		97.5 98.3	97.5 98.3 98.6	98.3		97.5 98.3 98.6	97.5 98.3 95.6	97.5 98.3 98.6	97.5 98.3 98.6	98.3
≥ 2500 ≥ 2000 ≥ 1800	98.4	98.8	98.8	98.9	98.9	98.9	98.6 98.9 98.9	98.6 98.9 98.9	98.9	98.6 98.9	98.9	98.9	98.9	98.9		98.9
≥ 1500	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 1000	98.5	99.0	99.2	99.3	99.3	99.3 99.4	99.3	99.3	99.3	99.3	99.3	99.7			99.3 99.4	99.3
≥ °30	98.5 98.5	99.1		99.4		99.4 99.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5		99.5
≥ 500	98.5	99.1	99.4		99.6		99.6		99.6	99.6	99.6	99.6	99.5	- 1	99.6	99.6
≥ 400	98.6	99.2		99,5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	98.5		99.4	99.5		99.7	99.7	99.7	99.7	99.8	99.8	90.8		99.9	99.9	
≥ 0	98.6	, ,	99.4	99.6	99.1	99.7	94.0	99.8	99.8	99.8	99,8	97.9	99.9	99.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS....

CEILING VERSUS VISIBILITY

DAVIS MUNIHAN AFO AKIZONA(TUCSON) 41-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	BILITY (STA	ATUTE MILI	ES)				·		
(FEET)	≥10	≥6	≥5	≥ 4	≥3	≥2%	≥2	≥1%	≥1%	≥1	≥ ¼	≥ ¾	≥ ⅓	≥ 5/16	≥4	≥0
NO CEILING ≥ 20000	77.7	77.8 82.3	77.8 82.3	77.8	77.8 82.3		77.8 82.3	77.8	77.8 82.3	-	77.8 82.3	77.8 82.3	77.8 82.3		77.8 82.3	77.8 82.3
≥ 18000 ≥ 16000	32.3 83.0	32.4 33.1	82.4 83.1	82.4 33.1	82.4 83.1	82.4 83.1	93.1	82.4 83.1	82.4 83.1	83.2	82.4 83.2	82.4 83.2	82.4 83.2	87.4 83.2	82.4 83.2	82.4 83.2
≥ 14000 ≥ 12000	85.4 87.4	85.5 87,5	85.5 87.5	85.5 87.5	85.5 87.5	:	85.5	85.5 87.5	85.5 87.5	85.5 87.5	85.5 87.5	85.5 87.5	85.5 87.5	85.5 87.5	85.5 87.5	85.5 87.5
≥ 10000 ≥ 9000	89.2 89.3	89.4 89.5	89.4 89.5	89.4	89.4 89.5		89.4 89.5	89.5	89.4 89.5	39.4 89.5	89.4 89.5		89.4 89.5	89.4 89.5	89.4 89.5	89.4 89.5
≥ 8000 ≥ 7000	90.2	90.3	90.3	90 • 3 91 • 4	90.3 91.4		91.4	90.3	90.3		90.3	90.3	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4
≥ 6000 ≥ 5000	94.8	93.0	93.0 95.0		93.0 95.0	1		93.0	93.0		93.1 95.0	93.1 95.0		93.1 95.0	93,1 95,0	93.1 95.0
≥ 4500 ≥ 4000	95.5 96.3	95.6 96.5	95.7 96.7	95.7	95.7 96.7	95.7 96.7	9 ₂ .7	95.7	95.7 96.7	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8	95.7 96.8
≥ 3500 ≥ 3000	97.0 97.9	97.Z 98.1	97.4 98.3	97 • 4 98 • 3	97.4 98.3			97.4 98.3	97.4		97.4 98.4	97•4 98•4		97.4 98.4	97.4 98.4	
≥ 2500 ≥ 2009	90•3 98•4	98.5 98.6		98.9	98.9		-	98 • 8 98 • 9	98.8 98.9	99.0	99.3	98.8		99.0		
≥ 1800 ≥ 1500	98.4 98.4	98.5 98.7	99.0		99.0	99.0		98.9 99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99•0 99•0
≥ 1200 ≥ 1000	98•5 98•5	98.9 98.9		99•1 99•2		99.2	99.1 99.2	99•1 99•2	99•1 99•2		99.3	99.3				99•2 99•3
≥ 900 ≥ 800	98.5 98.5		, -	99•2 99•2		99.3	99.3			99.3	99.3	99.7	99.3	99.3		99•3 99•3
≥ 700 ≥ 600	98.5 98.5		ز 99٠	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.4
≥ 500 ≥ 400	98.5 98.5	99.0 99.0	99.4	99.4	99.4			99.5	99.5	99.6	99.6	99.4	99.7	97.7	99.7	99.5
≥ 300 ≥ 200	98.5 98.5		99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	
≥ 100 ≥ 0	98.5 98.5	99.1 99.1	99•5 99•5						. •		99.7 99.8				99.8	100.0

2961

USAF ETAC FORM NIL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS \$11

CEILING			······································				VIS	BILITY (STA	ATUIE MILI	(5)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1¼	≥1	≥14	≥ 3%	≥ ⅓	≥ 5/16	≥ %	≥0
NO CEILING ≥ 20000	73.9 80.1	73.9 80.1	73.9 80.1	74.0 30.2	. ,		74.0 8:.2	74.0 80.2	74.0 80.2	74.0 80.2		74.0 80.2	74.0 80.2	74.0 80.2	74.0 80.2	74.0 80.2
≥ 18000 ≥ 16000	80.7 81.8	80.7 81.9		81.9	81.9	ცი. მ ცი. მ	86.8 31.9	80.8 81.9	80.8 81.9		80.8	80.8 81.9	80.0			
≥ 14000 ≥ 12000	84.0 86.4	86.5	86.5	34.1 86.6	84.1 80.7	84.1 86.7	54.1 RG.7	84.1 86.7	84.1	84.1		84.1 86.7	84.1 86.7	84.1 86.7	84.1	34. l 86.7
≥ 10000 ≥ 9000	88.4	88.1 88.5	88.4	88.3	88.3 88.7	88.4 88.8	8.4 23.8	88.4	88.4	88.4	38.4	86.4 88.6	88.4 88.8	88.4 88.8	88.8	88.8
≥ 8000 ≥ 7000	89.3 90.4		90.6		89.6 90.7	89.6 90.8	96.8	90.8	89.6 90.8		90.8	89.4 90.8	89.6 90.8	89.6 90.8	90.8	89.6 90.8
≥ 6000 ≥ 5000	92.8	92.9 95.3			93.2 95.6	93.2 93.6	95.6	93.3	93.3		93.3	93.3	93.3 95.7	93.3 95.7	93.3	93.2 95.7
≥ 4500 ≥ 4000	95.6	96.6	96.3	96.9	96.9	96.1	96.1	96.1	96.1			96.1 97.0	96.1	96.1 97.0		96.1
≥ 3500 ≥ 3000	90.0				97.3 98.1	98.2	98.3	97.5	97.5 98.3	97.5 98.3	78.3		97.5	98.3	97.5	97.5
≥ 2500	97.9	98.4					98,7	98.7	98.7 99.1	98.8	99.2	99.2	98.8	99.2	99.2	
≥ 1800 ≥ 1500	98.0	98.5				99.2	99.1	99.2	99.2	99.2	99.3				99.3	99.2
≥ 1200	98.1		98.9	99.0	99.2	99.3		99.4	99.4	99.5	99.5	99.5	99.4	99.5	99.5	99.5
≥ 900 ≥ 800 > 700	90.1 98.1 90.1	98.5 98.5	98.9 98.9	29.0		99•3 99•3	99.4	99.4 99.4	99.4 99.4	99.5	99.5	99.5 99.5	99.5 99.5	99.5	99.5	99.5
≥ 600	90.1	98.5	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	- 1	99.6	99.0	- 1
≥ 500 ≥ 400 ≥ 300	98.1 98.1			99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	92.i			99.1	99.4	99.6	99.5	99.7	99.7	99.8	29.8	99.8		97.8	99.5	99.8
≥ 100 ≥ 0	98.1	98.5			99.5	99.6		99.5	99.8			99.9	1		100.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DAVIS HUNTHEN AFR AKIZONALTUCSON) 41-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
,FEET,	≥10	≥6	≥5	≥4	≥3	≥21⁄3	≥2	≥1%	≥11⁄4	≥ı	≥ ¾	≥ ¾	≥%	≥ 5/16	≥'₄	≥0
NO CEILING ≥ 20000	68.9 78.8	69.0 79.0	79.1	69.2 79.1			79.1	69•? 79•1	69•2 79•1	79.1	79.1	69.2 79.1	69.2 79.1	69.2 79.1	69.2 79.1	69.2 79.2
≥ 18000 ≥ 16000	79.8 81.4	79.9 31.6	81.7		80.0		80.1 81.7	80 • 1 81 • 7	80.1 81.7	30.1 81.7		80.1 81.7	80.1 81.7	80.1 81.7	80.1	80.1 81.8
≥ 14000 ≥ 12000	86.3	83.9 86.4	36.5	36.6	84.0	86.6		84.1	84•1 86•7	84.1 86.7		84.1 86.7	84.1 86.7	84.1 86.7	34.1 86.7	84.1 86.7
≥ 10000 ≥ 9000	87.4 88.0	87.6 88.2	88.3		88.4	88.4	87.9 88.4	87.9 88.4	87.9 88.4	88.4	88.4	87.9 88.4	87.9 88.4	87.9 88.4	88.4	87.9 88.5
≥ 8000 ≥ 7000	89 • 2 90 • 4	89.4 90.5	90.7	89.6 90.8	89.6 90.8	90.8	84.7 70.9	89.7 90.9			90.9	გ9.7 90.9	89.7 90.9	89.7 90.9		89•8 90•9
≥ 6000 ≥ 5000	92.8	93.0 95.5	95.7	93.2 95.8		95.8	93.3	93.3			95.9	93.3	93.3 95.9	93.3 95.9	95.9	93.4 95.9
≥ 4500 ≥ 4000	95.8	96.1 96.8			96.4 97.1	97.1	70.4	96•4 97•1	96.4 97.1	96.4 97.2	97.2	96.4 97.2	96.5	96.5 97.2	97.2	96.5 97.2
≥ 3500 ≥ 3000	96.9	97.3 97.7	97.9			99.2	97.7 98.3	97.7 98.3	97•7 98•3		98.4	97.8 98.4	97.0 98.4	97.8 98.4	98.4	93.5
≥ 2500 ≥ 2000	97.5	98.0 93.0		98.3	98.5 98.5	98.5	98.6 98.6	98.6 98.6	98.7	98.7		9° . 7	9 .8 98.8		98.8	98.5
≥ 1800 ≥ 1500	97.5	98.0 98.3			98.6	98.9	98.7	98.7 99.0	98.7	98.8 99.1	99.1	98•8 99•1	98.8 99.2	99.2	99.2	99.2
≥ 1200	97.7	98.3		98.9	99.1	99.1	99.2	99•2 99•3	99.2	99.3		99.4	99.4	99.4	99.4	99.5
≥ 900 ≥ 800 ≥ 700	97.7 97.7	98.4		98.9	99.1 99.1	99.1 99.1	99.3	99.3	99.3	99.4 99.4		99.4	99.4	99.4 99.4	97.4	99.5
≥ 600	97.7	98.4 98.4 98.4		98.9 28.9	99.1	99.1	99.3	99.3	99.4	99.4	99.5	99.4	99.5	99.4	99.5	99.5
≥ 400	97.7	98.4	98.7 98.7	98.9	99.2	99.2	99.4	99.5	99.6 99.6	99.6	99.7		99.8		99.0	
≥ 200	97.7	98.4	98.7	98.9 98.9	99.2 99.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.0	99.8	99,8	99.R
≥ 100 ≥ 0	97.7	98.4	98.7 98.7	98.9 98.7	99•2 99•2		99.5	99.6	99.7	99.8 99.8		99.9 99.9		99.9		100.0

TOTAL NUMBER OF OBSERVATIONS.

CEILING VERSUS VISIBILITY

0

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-71,73-75

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING						1	VIS	BILITY IST	ATUTE MIL	ES)					·- ·- · ·	
FEET	≥10	≥6	≥5	≥4	≥3	≥275	≥2	≥1%	≥1¼	≥1	≥ λ₄	≥%	≥%	≥5/16	≥%	≥0
NO CEILING ≥ 20000	78.4		67.7 78.5	• • •	67.7 78.0	67.7 78.6	57.7 78.0	67.7 78.6	67.7 78.6	67.8 78.7	67.3 78.7	67.8 78.7	67.8 78.7	67.8 78.7	67.8 78.7	67.8 78.7
≥ 18000 ≥ 16000	79.3 80.6				79.4 80.7	79.4 80.7	79.4	79.4	79.4 80.7	79.5 60.8	79.5 RO.8	79.5 81.8	79.5 80.8	79.5	79.5 80.8	79.5 80.8
≥ 14000 ≥ 12000	83.2 80.0	83.3 86.1	83.3	3.3 26.1	83.3	83.3 84.1	83.3 86.1	83.3 84.1	83.3 86.1	83.4 86.2	83.4	83.4 86.2	83.4 86.2	83.4	83.5 86.2	83.5
≥ 10000 ≥ 9000	87.7	87.8 88.4	87.8 88.4	87.8 88.4	87.8 88.4	87.8 88.4	87.8 28.4	87.9 88.4	87.8	87.9 88.5	87.9 88.5	87.9 88.5	87.9	87.9	88.0 88.5	88.0 88.5
≥ 8000 ≥ 7000	89.1 90.4	89.2 90.5	89.2 90.5	89.2 90.5	89.3 90.6	89.3 90.6		89.3 90.5	89.3	89.4 90.7	89.4 90.7		89.4 90.7	89.4	89.4 90.7	89.4
≥ 6000 ≥ 5000	93.3	93.5 95.4	93.5 95.4	93.5 95.4	93.5 95.4	93.5 95.4		93.5	93.5	93.6 95.5	93.6	93.6	93.0 95.5	93.6	93.7	93.7 95.6
≥ 4500 ≥ 4000	95.9	96.1 97.0	96.1 97.0	75.1 97.0	96.1 97.0	96.1 97.0	96.2 97.0	96.2 97.0	96.2	96.3	96.3	96.3	96.3	96.3	90.3	96.3
≥ 3500 ≥ 3000	97.1 97.6	97.4 98.0	97.4 98.0	97.4 98.0	97.5 98.1	97.5 98.1	97.5 9a.1	97.5 98.1	97.5 98.1	97.6 98.2	97.6	97.5 98.2	97.6 98.2	97.6 98.2	97.6 98.2	97.6
≥ 2500 ≥ 2000	98.0 98.2	98.4 98.7			98.5 98.8	98.5 98.8	98.5	98.5 98.9	98.5	98.7 99.0	98.7 99.0		98.7	98.7	98.7 99.0	99.0
≥ 1800 ≥ 1500	90.3 98.5	98.8 99.1		98.9	98.9 99.2	98.9	99.3	99.0	99.0	99.1 99.4	99.1 99.4	99.1	99.1 99.4	99.1	99.1	99.1
≥ 1200 ≥ 1000	98.6 98.6			99.5 99.6	99.5 99.6	99.5 99.6		99.5	99.5 99.6	99.6 99.7	99.0		99.6	99.6	99.7 99.8	99.7
≥ 900 ≥ 800	98.6 98.6	99.3			99.6	99.6 99.7		99.7	99.7 99.7	99.8 99.8	79.8 99.3		99.8 99.8	99.3 99.8	99. 9	
≥ 700 ≥ 600	98.6 98.6	99.3		99.6	99.6	99.7 99.7		99.7 99.7	99.7	99.8 99.8	99.8		99.8	99.8 49.8	99.9	
≥ 500 ≥ 400	98.6 98.6		99.5 99.5	99.6	99.6 99.6			99.8 99.8	99.8 99.8	99.9			99.9			99.9
≥ 300 ≥ 200	98.6	99.3	99.5	99.6	99.0 99.0	99.7 99.7				100.0	100.0	100.1	99.9 100.0	100.0		100.0
≥ 100 ≥ 0	98.6 98.6	- 1	99.5	79.6	99.0 99.6	99.7 99.7	99.8	99.8 99.8					100.0 100.0			

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

DAVIS MUNIMAN AFB AKIZONA (TUCSIN) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCIPRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1⅓	≥1¼	≥1	≥ 1,4	≥ ¾	≥ ⅓	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	65.8 77.3	77.5	66.0 77.6					06.0 77.6		66.0 77.6	-	66.0 77.6	60.U			
≥ 18000 ≥ 16000	78.3 79.9		78.5	78.5 80.1	78.5 80.1	78.5 80.1	78.5 80.1	78.5 80.1	78.5 80.1	78.5 80.1	78.5 80.1		78.5 80.1	78.5	78.5 80.1	78.5 30.1
≥ 14000 ≥ 12000	82.5 85.3	85.5	82.8 85.7	82.8 35.8			82.8 25.8	87.8 85.8	82.8 85.8	82.8 85.8	82.8 85.8	82.8 85.8	82.6 85.6	82.8 85.8	82.8 85.8	82.8 85.8
≥ 10000 ≥ 9000	87.0 88.0	88.3	87.5 88.5	87.5 88.5	87.5 88.5		87.5	87.5 88.5	87.5	87.5 88.5		87.5 89.5	87.5 88.5	87.5 88.5	87.5	87.5 88.5
≥ 8000 ≥ 7000	88.7 90.1	90.4	89.4 90.6	90.6		89.4 90.7		89.4 90.7	89.4 90.7	89.4 90.7		89.4 90.7	89.4 90.7	89.4 90.7	89.4 90.7	89.4 90.7
≥ 6000 ≥ 5000	92.8	93.1 95.1	93.3 95.3		93.4			93.4 95.5	93.4 95.5	93.4 95.5	93.4 95.5	93.4 95.5	93.4 95.5	93.4 95.5	93.4 95.5	93.4 95.5
≥ 4500 ≥ 4000	95.6	97.2	96.3		96.4	97.5		96.4		-	47.6		96.4 97.0			96.4 97.6
≥ 3500 ≥ 3000	97.6	98.2	98.0					98.7	98.2 98.7		98.7		78.2 98.7	98.7	98.2 98.7	98.2
≥ 2500 ≥ 2000	97.9 98.2	98.6	98.9	99.3	99.0	99.4	99.5	99.1	99.1	39.5			99.1 99.5			99.1 99.5
≥ 1800 ≥ 1500	98.2 98.2	98.9	99.3	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.2 98.2	99.0	99.4	99.5	99.3	99.6		99.5	99.5	99.7	99.7	99.7	99.5 99.8	79.8	99.0	
≥ 900	98.2		99.5	99.5	99.5 99.5	99.6		99.8	99.7		99.8	99.11	99.8	\$7.9	99.9	99.8
≥ 700 ≥ 600	98.2	99.0	99.5	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99,9	99.9	99.9
≥ 500 ≥ 400 ≥ 300	98•2 98•3 93•3	99.1	99.5	99.5		90.7	99.8	99.8	99.8	99.9	99.9	99.9		99.9	99.9	
≥ 200	98.3	99.1	99.5 99.5	99.6	99.6	99.7		99.8	99.8	99.9	99.9	99.9		100.0	100.0	100.0
≥ 100	95.3		99.5			99.7 99.7	99.8 99.8		99•8 99•8	- 1					100.6 100.0	

TOTAL NUMBER OF OBSERVATIONS...

CEILING VERSUS VISIBILITY

3

DAVES GUNIMAN CEB ARIZONA (TUCSON) 41-45,48-71,73-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 HOURS (LST

CEILING							VIS	IBILITY (STA	ATCHE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥ 2	≥1%	≥li	≥1	≥ ¾	≥ ¾	≥ 1⁄2	≥ 5/16	≥4	≥0
NO CEILING ≥ 20000	71.0 77.4	71.1	71.1 79.5	71.1	71.1 79.5	71.1 79.5	71.1	71.1 79.5	71.1 79.5	71.1	71.1 79.	71.1	71.1 79.5	71.1 79.5	71.1 79.5	71.1
≥ 18000 ≥ 16000	80.0 81.1	80.0 81.1	80.1	30.1 01.2	80.1 31.2	80.1 81.2	30.1 81.2	80.1 81.7	80.1	80.1 81.2	80.1	80.1	80.1 81.2	80.1 81.2	80.1	80.1
≥ 14000 ≥ 12000	84.0 86.2	84.0 86.3	84.1 86.4	84.1 86.4	84.1	84.1 86.4	34.1	64.1 66.4	84.1 86.4	84.1	84.1 86.4	84.1	84.1	84.1 86.4	84.1 86.4	84.1 86.4
≥ 10000 ≥ 9000	87.9 88.5	88.0 88.6	88.1 88.7	88.1 88.7	88 • 1 88 • 7	88.1 88.7	88.1 88.7	88.1 88.7	88.1 88.7	88.1 88.7	88.1 88.7	88.7	88.7	88.1 88.7	88.1 88.7	88.1 88.7
≥ 8000 ≥ 7000	89.5 90.5		89.7 90.7	39.7	89.7 90.7	69.7 90.7	89.7	89.7 90.7		89.8		-	89.8	89.8 90.7		
≥ 6000 ≥ 5000	92.7 94.7	92.8 94.9	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1	92.9	92.9 95.1	92.9 95.1	93.0 95.2	93.0 95.2	93.0	93.0 95.2	93.0 95.2	93.0 95.2	93.0 95.2
≥ 4500 ≥ 4000	95.1 96.0	95.3 96.4	95.5 96.6		95.5 96.6	95.5 94.6	95.5	95.5 96.6		96.7	95.6 96.7	95.6	95.6	95.6 96.7	95.6	94.7
≥ 3500 ≥ 3000	90.6	96.9 98.1	97.2 98.4	97.2 98.4			97.2 95.5		97.2 98.5		97.3 98.6	97.3 98.4	97.3 98.6	98.6	98.6	98.6
≥ 2500 ≥ 2000	98.0 98.2	98.9	98.9 99.3	99.3	99.3	99.0 99.4	99.4	99.4	99.0 99.4	99.5	99.1		99.1 99.5	99.1	99.1	99.5
≥ 1800 ≥ 1500	98.2 98.3	98.9 99.0	99.4	79.4			99.4		99.4		99.5	99.5 99.5	99.5	99,5		99.5
≥ 1200 ≥ 1000	98.3		99.5	99.6		99.6	99.6	99.7	99,6 99.7	99.8			99.7 99.8	99.7 99.8	99.7	
≥ 900 ≥ 800	98.4	99.2	99.6 99.6	99.6	99.7	99.7	99.7		99.7		99.8	99.8	99.8	99.8 99.8	99.8	99.8
≥ 700 ≥ 600	98.4 98.4			99.7		99.8 99.8	99.8	99.8		99.9	99.9			99.9		99.9
≥ 500 ≥ 400	98.4	99.3	99.7	99.7			39.9 99.9	99.9	99.9	99.9	99,9	99.9				99.9
≥ 300 ≥ 200	98.4	99.3	99.7	99.7		99,8 79,9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.C	100.0	100.0
≥ 100	98.4 98.4			99.7 99.7	99.8		99.9				100.0	-				100.0

TOTAL NUMBER OF OBSERVATIONS...

CEILING VERSUS VISIBILITY

DAVIS MENTHAT AFT ARTLOHA (TUCSON) 41-45,48-75

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING							VIS	BILITY (STA	TUTE MILE	(S)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	21%	≥1%	≥ı	≥ 1/4	≥%	≥ 1/2	≥ 5/16	≥¾	≥0
NO CEILING ≥ 20000	74.6 81.2	74.7 81.4	74.7 81.4	74.7	74.7 81.5		74.7	74.7	74.7 81.5	74.7	74.7 81.5	74.7	74.7 81.5	74.7 81.5	74.7 81.5	74.7 81.5
≥ 18000 ≥ 16000	81.0 82.3	81.8 82.5		81.8 82.5	81.8 82.5		81.9 82.6	81.9 82.6	81.9 82.6	81.9 82.6	81.9 82.6	81.9 82.4	81.9 82.6	61.9 62.6	81.9 82.6	81.9 62.6
≥ 14000 ≥ 12000	84•2 86•5	84.4 86.7	86.7	84.4	84.4	8,.4	86.8			84.4 86.8			84.4		84.4	
≥ 10000 ≥ 9000	38.2 88.6	88.3 88.7	38.7	88.4 88.8	88.4 88.3		38.4 98.8		88.4 88.8		88.8	68.4	88.4		88.4	88.4
≥ 8000 ≥ 7000	89.6 90.7	89.8 90.7	90.9	89.8 90.9	89.8 90.9	90.9		89.3 90.9		90,9	90.9					
≥ 6000 ≥ 5000	92.5 94.9	97.7	95.2	92.8	95.3	95.3	95.3	95.3		95,3	95.3	95.3	92.8 95.3	95.3	92.8	95.3
≥ 4500 ≥ 4000	95.6 96.5	96.0 96.9	96.9	96.9	96.9	96.9	97.0	97.0	96.0	97.0	97.0	97.0	96.1 97.0		95.1	96.1
≥ 3500 ≥ 3000	97.3 98.3	97.8 99.0	99.0		97.8 99.1	99.1	99.1	99.1	99.1	97.8 99.1	99.1	99.1	97.9 99.1	99.1	97.9 99.1	99.1
≥ 2500 ≥ 2000	98.5 98.7	99.3	99.5		99.5	99.5		99.5	99.5	99.5 99.5	99.5	99.5	99.5 99.6	99.5		99.6
≥ 1800 ≥ 1500	98.7 98.7	99.3 99.4	99.6		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.4		99.7	99.7	99.7
≥ 1200 ≥ 1000	98.7 98.7	99,4	99.0		99.6	99.6		99.7	99.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800	98.7	99.5	99.7			99.7				99.7	99.8		99.6	99.8	99.8	99.8
≥ 700 ≥ 600	98.7	99.5	99.7	99.7				99.8			99.8	99,8	99.8	99.8	99.8 99.8	99.8
≥ 500 ≥ 400	98.7	99.5	99.7	99.7		99.8	99.8	99.8	99.8	99.8	99,8	99.8	99.0	99.8	99.8	99.8
≥ 300 ≥ 200	98.7	99.5	99.7		99.8	99.8		99.8		99.8	99.8	99.8	99.4		99.9	99.9
≥ 100 ≥ 0	98•7 98•7	99.5 99.5		99.7			99.8		99.8		- 1		99.9		100.0	_ ^

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

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PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0 1 2 2	0 1 3
3 4 5 6	5 6 8
7 8 (or obscured)	9 10

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DATA PRUCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

23109

DAVIS MURIHAR AFB ARIZONA(TUCSON)

40,48-70

ALL

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIT	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO, OF OBS
JAM	1LL	40.2	4.8	4.7	4.4	3.6	2.6	3.7	3.8	5.3	4.0	22.8	4.1	17831
FEB		42.9	5.5	4.7	4.1	3.4	2.7	3.6	3.9	5.0	4.0	20.2	3.8	15070
MAR		38.4	5.9	5.2	4.2	3.9	3.3	4.0	4.5	5.7	4.4	20.5	4.1	17109
APR		49.2	6.2	5.7	4.4	3.9	3.1	3.9	3.7	4.4	3.6	12.0	3.0	1655
MAY		55.9	6.7	5.4	4.5	3.3	2.7	3.0	3.4	4.3	3.1	7.9	2.4	1710
JUII		57.0	7.6	٥. ز	4.7	3.3	3.0	3.0	3.7	3.6	2.8	5.8	2.2	1655
JUL.		14.4	5.6	6.1	0.3	5.8	5.8	5.5	7.9	10.2	9.0	20.5	2,7	1710
AUG		21.3	6.9	7.1	7.2	6.1	5.4	5.0	6.9	8.2	6.9	19.0	4.9	17110
SEP		49.1	8.7	0.5	5.2	3.8	3,7	3.1	3.7	4.3	3.3	8.8	2.7	1655
DCT		57.2	6,8	5.5	4.3	3.5	3.0	3.2	3.3	3.5	2.6	7.1	2,3	17108
NUV		51.2	6.1	4.7	3.8	2.9	2.5	3.0	4.0	4.5	3.4	13.3	3.0	1654
DEC		44.0	4.9	4.2	3.6	2.9	2.7	3.4	4.3	4.8	4.6	20.3	3,8	1/100
101	ALS	43.4	0.3	5.5	4.7	3,9	3.4	3.8	4.4	5.3	4,3	15.1	3.5	201765

USAFETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FO. 4"

SKY COVER

23109

DAVIS MUNTHAN AFB ARIZONA(TUCSON)

46,48-70

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STATION

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L S T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JAN	00-02	50.6	3.6	4.2	4.0	3,2	2.5	3.9	3.3	3.9	1.0	19.2	3.3	2228
	03-05	52.4	3.1	4.3	3.5	2.9	2.5	3.1	3.1	4.8	2.2	16.1	3.3	2229
	06-08	40.9	4.9	4.9	4.9	3.5	2.3	3.9	3.8	5.0	3.6	22.2	4.0	2228
	09-11	34.6	6.5	5.1	5.1	4.1	2.3	2.6	3.8	4.6	5.8	25.5	4.5	2231
	12-14	31.9	5.8	4.4	4.4	3.8	3.5	4.7	3.5	6.1	5.4	26.7	4.8	2229
	15-17	30.3	5.6	4.8	4.2	3,9	2.9	3.5	4.3	7.0	6.7	27.0	4.9	2229
	18-20	36.2	5.3	4.5	4.5	3.6	2.2	3.8	5.0	٥,9	4.1	23.7	4.4	2229
	21-23	44.4	3,4	5.4	4 • 8	4.1	2.5	4.3	3.7	4.4	2.8	20.1	3.7	2228
то	TALS	40.2	4.8	4.7	4.4	3.6	2.6	3.7	3.8	5.3	4.0	22.8	4.1	17831

FORM 0-9-5 (OL A) USAFETAC

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING BRANCH E1AC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

23109

DAVIS MONTHAN AFB ARIZONA (TUCSON)

48-70

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STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER			_	MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
FEB	00-02	54.7	4.6	5.2	3.6	3.1	2.2	2.2	2.8	3.5	1.9	16.1	2.9	188
	03-05	56.3	3.7	3.5	3.2	3.5	2.2	2•5	3.0	3.0	2.1	16.9	2.9	188
	06-08	44.4	6.0	4.2	3.6	3.7	2.3	3.9	4.2	5.5	4.3	17.4	3.6	188
	09-11	40.3	6.7	4.8	3.9	3.0	2.9	3.3	3.9	5.9	4.8	20.4	4.0	188
	12-14	33.8	6.1	4.5	5.1	3.5	3,3	3.9	4.1	6.4	5.2	24.0	4.5	188
	15-17	31.0	6.2	5.1	3.9	3.6	2.8	3.5	4.7	6.2	6.2	26.8	4.8	188
	18-20	36.4	7.0	4.8	3.8	3.6	3.0	4.6	4.3	5.4	5.3	21.8	4.2	188
	21-23	46.5	3.7	5.3	6.0	3.2	2.5	4.5	4.1	4.2	2.0	18.1	3.5	188
<u>.</u>														
10	TALS	42.9	5.5	4.7	4.1	3.4	2.7	3.6	3.9	5.0	4.0	20.2	3.8	1507

USAFETAC FORM 101 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SKY COVER

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DAVIS MONTHAN AFB ARIZONA (TUCSON)

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGI	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
MAR	00-02	51.2	5.7	4.1	3.7	3.9	۵.5	3.7	3.3	3.6	2.2	16.0	3.1	213
	03-05	49.0	5.3	5.2	4.3	3.5	3.2	2.9	3.9	3.7	2.2	16.2	3.1	213
	80-90	37.5	6.1	0.1	4.0	3.0	3.3	۷.6	. 4.4	6.4	5.3	21.2	4.2	213
	09-11	35.2	7.2	4.9	4.0	3.5	3.4	3.4	4.5	ó.1	4.7	23.1	4.3	213
	12-14	31.6	6.0	4.7	3.9	3.3	3,8	4.3	4.4	6.7	7,5	23.9	4.8	213
	15-17	26.3	5.5	4.0	4.2	5.4	3.6	5.3	6.5	7.6	6.0	25.8	5.1	213
	18-20	30.8	6.5	5.9	5.2	4.8	3.7	4.7	5.3	6.5	4.5	21.9	4.5	213
	21-23	45.1	5.0	0.3	4.4	4.1	2.7	5 • 1	3.9	4.7	2.6	16.2	3.4	213
_ 			***											
10	TALS	38.4	و. و. د	5.2	4.2	3.9	3,3	4.0	4.5	5.7	4.4	20.5	4.1	1710

FORM 0-9-5 (OL A) USAFETAC

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SKY COVER

DAVIS MUNTHAN AFB ARIZONA(TUCSON) 23109

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STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS
APR	00-02	62.3	3.9	5.2	4.1	3.9	2.6	5.6	2.9	1.7	1.1	8.7	2.1	2069
	03-05	61.9	4.6	5.5	4.5	4.0	1.9	2.∙9	2.4	2.3	1.4	8.0	2.0	2070
	06-08	50.3	7.0	4.8	4.2	3.3	2.7	2 • دُ.	4.1	5.0	4.0	11.5	2.9	2070
	09-11	46.0	7.4	5.9	3.2	4.0	2.9	3.5	3.8	5.2	4.4	13.0	3.2	2069
	12-14	38.0	8.2	6.1	4.5	3.8	4.5	4.4	4.4	5.9	5.6	14.7	3.7	2070
	15-17	38.1	6.1	5.1	4.9	4.0	3.6	4.4	4.3	6.3	6.0	17.2	4.0	2069
	18-20	41.1	7.8	0 • 2	5.3	4.2	3,4	4.2	4.8	5.1	4.8	13.1	3.4	2070
	21-23	55.6	4.8	6.9	4.3	3.7	3.0	4.6	3.1	3.1	1.3	9.5	2.4	2070
10	TALS	49.2	6,.2	5.7	4.4	3.9	١, د	3.9	3.7	4.4	3.6	12.0	٥.د	16557

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE,

DATA PRUCESSING BRANCH ETAC/USAF AIR WÉAIHER SERVICE/MAC

SKY COVER

23109

DAVIS MONIHAN AFB ARTZONA(TUCSON)

48-70

MAY

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIA	(L.S T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
MAY	00-02	68.5	5.1	5.1	3.1	2.7	2.6	2.5	1.8	2.4	1.4	4.9	1.6	213
	03-05	67.4	5.2	4.2	3.6	2.8	2.1	2.6	2.3	2.6	1.5	5.8	1.7	213
	06-08	56.9	7,2	4.6	4.7	2.6	2.5	2.7	3.6	4.2	3,3	7.8	2.4	213
	09-11	52.0	8.9	5.7	4.7	2.8	2.9	2.9	3.1	4.5	3.4	9.1	2.6	213
	12-14	47.3	7.7	5.2	5.1	3.7	3.3	3.6	3.9	5.9	4.6	9.7	3.0	213
	15-17	43•Ļ	7.9	6.8	4.5	4.0	3.2	3.0	5.0	5.7	4.9	11.2	3.3	213
	18-20	49.9	6.0	6.3	5.2	4.0	2,5	3.5	4.1	6.0	3.9	8.7	2,8	213
	21-23	62.2	5.2	5•0	5.0	3.5	2.4	2•4	3.4	3.0	1.8	6.0	2.0	213
									-					
TO	TALS	55.9	6.7	5.4	4.5	3.3	2.7	3.0	3.4	4.3	3.1	7,9	2.4	1710

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

23109 DAVIS MUNIHAH AFB ARIZONA(TUCSON)

48-70

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN IENTHS OF	TOTAL NO. OF
MOININ	(L,S,T)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUN	00-02	69.0	4.6	4.4	4.6	2.3	2.1	2.1	2.0	2.3	1.7	4 . 8	1.0	207
	03-05	65.7	6.9	5•2	4.2	2.3	2.5	2•1	2.5	2.7	1.4	4.8	1.6	206
	06-08	59.8	8.1	0.4	4.1	3.0	2.3	2.8	3.4	2.1	3.0	5.0	1.9	207
	09-11	59,4	8.0	5.0	4.9	3.1	2.7	4.0	3.2	2.9	2.6	4.3	1.9	207
	12-14	49.4	9.1	6.3	5.6	4.8	4.3	3.3	4.8	4.0	2.7	5.7	2.5	207
	15-17	43.5	9.0	6.9	5.8	4,6	4.2	3.5	5.5	5.4	4.6	7.1	2.9	207
	19-20	48.0	9.2	5.5	5.3	3.4	2.9	3.0	4.3	5.8	4.2	8.3	2,8	206
	21-23	61.5	5.6	5•2	3.4	3.0	2.8	3.3	3.8	3.4	2.0	6.0	2.0	207
TO	TALS	57.0	7.6	5.6	4.7	3.3	3.0	3.0	3.7	3.6	2.8	5.8	2.4	1655

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

DAVIS MONTHAN AFR ARIZONA (TUCSON)

JUL

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
JUL	00-02	21.7	٥.3	5.1	4.0	4.5	3.9	5.2	5.8	8.4	6.4	29.7	5.6	2138
	03-05	21.5	4,6	ე.ძ	5.6	6.4	4.4	5.0	7.1	8.7	7.2	23.7	5.3	2138
	06~08	15.2	6.0	0.0	5.6	4.9	5.2	6.6	8.3	10.8	9.7	21.6	5.7	2137
	09-11	18.7	8.1	9.2	7.5	7.2	6.5	5.0	7.2	9.7	7.2	13.6	4.7	2139
	12-14	10.6	8.0	8.8	11.2	8.4	9.4	7•1	9.1	10.9	7.2	9.3	4.9	2139
	15-17	6.0	4.8	6.5	7.6	7.2	9.2	5.8	10.9	12.1	12.1	17.7	6.1	2138
	18-20	7.5	4.3	3.5	4.6	4.2	3.8	4.1	7.2	12.7	13.7	34.4	7.0	2139
	21-23	14.2	3.7	4.0	4.5	3.7	4.0	5.1	7.5	8.6	8.3	36.5	6,5	2139
														
τo	TALS	14.4	5.6	6.1	0.3	5.8	5.8	5.5	7.9	10.2	7.0	23.3	5.7	1710

FCRM 0-9-5 (OL A) USAFETAC

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SKY COVER

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DAVIS MONTHAN AFB AKIZONA(TUCSON)

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER	-			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SXY COVER	OBS
AUG	00-02	29.0	4.7	6.1	5.9	4.5	3.5	3.9	5.4	7.0	3.9	25.6	4.8	2139
	03-05	34.1	5.0	7.0	6.6	5.8	4.9	4.4	۶.9	6.3	4.4	15.5	4.0	2139
	06-08	25.2	0.7	7.1	7.5	5.6	4.6	4.0	6.9	7.9	7.9	16.5	4.6	2139
	09-11	27.1	10.7	7.4	7.2	6.0	5.1	4.9	6.6	7.0	6.1	12.0	4.0	2139
	12-14	13.0	11.2	9.5	9.9	8.0	9.3	5.8	7.8	8.7	7.4	9.4	4.6	2138
	15-17	6.9	6.3	7.8	9,7	8.8	8.4	6.6	9.2	11.3	10.8	14.3	5.6	2138
	18-20	11.7	5.6	5.8	5.5	4.9	4.0	5.0	7.6	10.8	10.3	28.8	6.2	2139
	21-23	22.6	5.3	6.0	5.2	5.2	3.5	5,6	6.0	6.3	4,7	29.5	5.3	2139
				·										
to	TALS	21.3	6.9	7.1	7.2	6.1	5.4	5.0	6.9	8.2	6.9	19.0	4,9	17110

FOFM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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SKY COVER

DAVIS MONTHAN AFB ARIZONA(TUCSON) 23109

48-70

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STATION

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FAOM HOURLY OBSERVATIONS)

момтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIA	(L S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
SEP	00-02	60.6	5.4	6.0	3.2	3.1	2.3	2.8	3.4	3.2	1.9	8.1	2.1	2070
	03-05	63.9	5.5	4 • 1	3.7	3.3	3.ა	2.7	2.9	2.8	1.1	7.0	1.9	2070
	06-08	54.7	8.7	5.3	٠.5	3.8	3.4	2.8	3.0	4.0	2.8	7.1	2.3	2070
	09-11	55.5	9.5	0.4	5.1	3.4	2.7	2.2	2.9	2.9	2.4	7.0	2.1	2069
	12-14	37.1	14.0	3.7	7.7	4.6	4.9	3.4	3.7	4.8	3.4	7.5	2.9	2070
	15-17	28.7	11,2	8.6	7.7	5.1	5.6	4.2	5.8	6,6	7,1	9.3	8 . ف	207
	18-20	38.4	9.8	6,9	5.5	3.9	3.8	3.6	5.0	5.5	5.3	12.5	3.5	207
	21-23	53,0	5.1	5.6	4 • 1	3.5	2,5	3.1	3.2	4.4	2.3	11.5	2.7	206
	<u> </u>													
	ا مصعد باد													
10	TALS.	49.1	8.7	0.5	5,2	3.8	3.7	3 • 1	3.7	4.3	3,3	8.8	2.7	1655

FORM JUL 64 0-9-5 (C L A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PROCESSING BRANCH ELAC/USAF AIR MEATHER SERVICE/MAC

SKY COVER

DAVIS MONTHAN AFB ARTZONA (TUCSON) 23109

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STATION

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY CO ?				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.\$ T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
OCT	00-02	70.9	3.7	4.1	2.8	3.0	1.6	2.4	2.5	2.7	1.1	5.2	1.6	2139
	03-05	70.4	4.7	4.2	3.5	2.5	1.0	3.1	2.0	2.0	1.5	4.6	1.5	2139
	06-08	56.5	6.2	6.1	4.4	3.6	3.2	3.3	3.9	3.4	2.9	6.3	2.3	2138
	09-11	53.0	9.3	5.8	5.0	3.7	3.2	3.1	2.5	2.9	3.7	7.8	2.4	2139
	12-14	45.3	9.2	6.9	6.2	4.1	4.2	3.6	4.0	4.2	3.6	8.7	2.8	2137
	15-17	43.4	8.9	6.9	4.2	4.7	4.6	4.0	4.9	5.2	4.0	9.1	3.0	2138
	18-20	53.2	7.9	5.3	4.5	3.6	3.3	3.1	3.6	4,3	2.5	8 • ਰੇ	2.5	2139
	21-23	65.0	4.3	4.8	4.0	3.1	2.3	2.9	2.9	2.9	1.5	6.1	1.9	2139
10	TALS	57.2	6.8	5.5	4.3	3.5	3.0	3•2	3,3	3.5	2.6	7.1	2.3	17108

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

23109

DAVIS HOW HAN AFB ARIZORA (TUCSON)

NUV

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF .OTAL	SKY COVER				MEAN TENTHS OF	POTAL NO OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	´8	9	10	SKY COVER	OBS
NUV	00-02	62.0	9.5	3.8	3.4	2,0	1.6	3.0	3.3	3.4	1.7	10.0	2.3	2069
	03-05	62.9	3.7	3.2	3.0	2.4	1.8	3.5	3.5	3.9	2.1	10.0	2.3	2070
	06-08	50.3	6.6	4.4	31	2.8	3.2	3.4	3.6	4.9	4.4	13.2	3.1	2067
	09-11	45.5	9.0	4.4	3.7	2.3	3.5	3.1	4.5	3.9	4.5	15.7	3.3	2067
	12-14	41.1	7.5	5.6	4.8	3.3	2.9	4.0	4.6	5.2	4.8	16.2	3.6	2067
	15-17	40.1	6.8	• 7	4.7	3.5	2.5	4.2	4.4	6.1	5.0	17.0	3.8	2067
	18-20	48.8	6.7	5.5	3.9	3.0	2.6	4.1	4.3	5.4	2.8	12.8	3.1	2070
	21-23	58.5	4.5	5.1	3.6	3.1	2.0	3.6	3.6	3.3	2.1	10.6	2.5	206
														
10	TALS	51.2	ó.l	4,7	3.8	2.9	2.5	3.6	4.0	4.5	3.4	13.3	3.0	1654

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

SKY COVER

23109

DAVIS MUNIHAM AFB ARTZONACTUCSON)

48-70

DFC

STATION

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL OP
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9_	10	SKY COVER	08\$
DEC	00-02	52.0	9.٤	4.3	4.0	2,9	2.7	3.5	3.7	4.1	2.0	10.4	3.2	2136
	03-05	55.9	2.6	4.0	3.4	2.9	2.1	2.9	3.8	2.9	2.5	17.1	ن و زر	2139
	06-08	45.0	0.9	4.5	3.0	3.1	2.4	2.3	4.2	4.8	4.7	18.7	3.0	2138
	09-11	39.0	5.1	4.3	4.2	2.9	2.9	3.3	4.2	6.1	6.3	21.9	4.3	2138
	12-14	35.3	6.2	2.9	4.1	2.9	2.9	3.1	4.9	6.0	7.0	23.6	4.5	2139
	15-17	33.0	6.1	4.2	4.0	2.0	2.7	3.7	3.8	5.9	7.1	26.2	4.7	2139
	18-20	42.1	4.9	4.5	3.5	2.7	2.5	4 • 4	5.4	4.8	4.0	21.0	4.0	2139
	21-23	48.7	3.3	4.0	3,9	3,5	3.2	4.3	4.6	4.1	2.7	17.7	3.4	2138
				-										
то	TALS	44.0	4.9	4 • 2	3.8	2.9	2.7	1.4	4.3	4.8	4.0	2(1.3	3,6	17106

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit incremen . plus mean temperature, standard deviations, and total number of observations in three separate tables a. follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage ^ equency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the **The temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (σx) . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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DATA PROCESSING ARAYCH

HISH LITAC
ALT HEATHER SERVICE/MAC
23138 DAVIS MUNITIAN AFR AKIZONA/TUCS/M 41-40, 48-76
STATION STATION NAME YEARS

MUNTX 4.1

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

_	TEMP (°F)	JAN	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
≥	110			1		1	• R	. 3	• 3					• 1
≥	105				İ	• 2	12.1	11.2	2.2	1.6				2.3
≥	100				• 2	4.3	41.4	41.8	22.8	15.3	.4		1	10.5
≥	25				3.5	22.7	70.2	75.0	61.0	47.2	7.0			24.0
≥	90			.7	13.1	53.9	90.3	92.7	K9.1	75.9	29.3	.1		37.2
≥	65	.3	.7	6.5	32.7	70.3	98.1	98.0	98.3	91.5	34.8	6.5	ĺ	47.1
≥	ษา	2.0	5.8	20.4	58.4	87.3			49.6	97.4	73.4	75.4	1.7	56.1
≥	73	10.5	20.2	41.2	76.0		100.0	100.0				45.8	15.5	65.7
≥	73	47.7	40.5	00.9	87.2	98.9			100.0	100.0	93.4	66.1	31.6	75.5
≥	65	48.5	61.0	76.8	93.9	99.6					97.1	80.9	34.8	84.3
≥	63	70.4	78.5	88.3	97.9	99.8					99.3	91.4	73.6	91.5
≥	55	34.8	92.1	94.3	99.7	100.0					99.7	97.3	86.5	96.2
≥	50	34.2	98.0		100.0						100.0	99.2	95.5	98.11
2	45	98.5	99.6	99.8								99.8		99.7
≥	40	99.7	100.0	100.0	Ī							100.0	99.9	100.0
≥	35	100.0											100.0	100.0
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	MEAN	13.B	66.7	71.4		88.9	97.6	97.9	75.6	93.4	\$4.0	77.6	64.7	
	S D.	9.597										9.704		14,863
l	TOTAL OBS	1034	#1V	991	3.0	995	907	1006	1023	កអូច	1023	280	1053	मका)

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PROCESSING BRANCE. USAF ETAC
AIR BEATHER SERVICE/MAC

23169 DAVIS MUNITHAM AFB ARIZONA/TUCSMN

STATION STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

HUMINUM

Γ.	TEMP (°F)	JAN	FEB.	MAR.	APR	MAY	NUL	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
≥	8.5						• 1	.7	.1					• 1
≥	60						5.3	19.2	2.2	1.1				1.6
≥	75					. 8	19.4	44.0	32.3	12.4	. 4			9.5
≥	70			• 1		5.5	43.2	91.6	85.7	48.7	3,7			23.5
≥	65				1.6	20.7	72.3	99.8		79.9	19.9	. 2		33.0
≥	00		. 2	. 8	11.2	52.2	92.7	100.0	100.0	95.2	47,7	2.6		42.0
≥	55	8.	3.2	0.8	32.3	78.1	99.5			98.9	73.2	14.2	1.7	
≥	50	7.3	13.6	26.6	62.5	93.3	100.0			99.9			10.1	61.7
≥	45	25.0	34.7	54.6	35.1	98.5				100.0	95.5			74.2
≥	47	5.5 ¢	61.0	77.7	95.9	99.9					99.3			65.8
≥	35	17.3	83.0	94.2	99.7	100.0					99.9			94.3
≥	37	36.1	90.5	97.0	99.9							98.1	39,4	
≥	30	32.8	95.9		100.0						100.0		96.0	
<u>≥</u>	25	48.6										100.0		99.8
≥	50		100.0	100.0									100.0	
≥	15	100.0												100.0
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	MEAN	29.7	41.5	42.0	51.4	59.4	68.4	74.4	73.0	φħ.8		47.1	41.7	55,7
<u></u>	\$. D.		6.973	6.630	6,502	6.468	6.437	3.250	4.303	5.729				14.026
1	TOTAL OBS.	1054	910	991	9:00	992	760	1606	1023	0113	1723	780	1023	11911

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

DATA POCESTIG BRACE.
USA: ETAC
ATP HEALDER SERVICE/MAC 23147

DAILY TEMPERATURES

STATION NAME STATE MAY THE STATE NAME STATE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

	TEMP (°F)	JAN.	FEB	MAR I	APR	MAY	JUN	JUL	AUG.		ОСТ	NOV	DEC	ANNUAL
2	95	71 F					1.1	1.1	, 3				- ,	• 2
2	90					.1	15.7	24.2	7.4	2,8			1	4.1
≥	d5					4.0	43.2	67.0	30.4	29.1	8			16.3
≥	30	•		• 1	1.2	19.7	75.1	95.1	91.8	67.5	10.3	,		30.2
≥	75			. 2	10.9	54,5	93.6		99.4	90.4	38.0	.6		40.7
2	70	.1	1.7	5.0	33.3	76.0		100.0	100.0	38.3	64.9	7.6	. 7	49.1
2	65	2.2		21.7	61.1	93.3	100.0			100.0	84.0	30.6		58.6
≥.	69	13.5	25.1	44.9	61.7	98.1				-	91.7	57.6	17.5	69.3
≥	55	36.9	50.2	70.1	92.9	99.5					97.2	78.4	42.9	80.6
≥	50	66.1	74.3	87.1	98.5	99.9					99.5		71.0	90.6
2	45	35.2		96.9	99.9	100.0					100.0		89.2	96.6
2	40	95.1	97.7	99.6	100.0					·		99.7	97.2	99.1
≥	35	79.1		100.0						1		100.0		99.9
2	30	119.6	100.0										100.0	100.0
≥	25	100.0												100.0
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2		I.		-										managed Ware management
	MEAN	71.7	54.3	35.4	25.9		63.3		34.5	11.3	71.3		53.0	
	S D	3.712	7, 107			6.384	2.630		,					14.008
	TOTAL OBS.	10:4	111	791	500	992	960	1004	1023	7:19	1023	<u> </u>	102	11911

USAF ETAC TOTAL 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

DATA PROCESSING SRANCH USAF/ETAC/DL A AIR WEATHER SEPVICE/MAC

EXTREME VALUES

HAYIMUN TEMPERATURE

(FROM DAILY OBSERVATIONS)

23109 STATION

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OaVIS GARTHAL AFB ARIZHNA/TUCSON 11-45, 48-76

YEARS

WHOLE DEGREES FAMEL MINETT

MONTH YEAR	JAN.	FEB.	MAR	APR	MAY	אטנ	JUL.	AUG.	SEP.	oct.	NOV.	DEC.	ALL MONTHS
-1		1				ŀ	1.,1	150	100	77	85	01	
47	83	19	.17	92	103	117	111	104	103	37	59	79	111
43	78	8.8	52	102	101	105	110	102	105	57	6.5	75	110
44	78	78	<u>u</u> 3	8.8	103	108	1.,8	111	1'05	9.0	57	76	111
45	60	19	34	95	99	106	1,16	107	108	34	े १	15	108
16	હઇ					i							
3.5	354	73	32	99	100	106	1.,7	105	100	34	52	75	107
49	70	83		97	103	106	11/4	105	104	94	86	40	106
>0	38	80	3.5	97	95	106	106	107	105	100	47	53	108
ા ા	81	89	01	- 73	105	105	1.16	103	1,02	7 7	0.0	17	โบก
52	78	76	0.6	91	99	108	109	104	107	98	89	15	रिल्य
53	88	79	92	94	99	115	110	104	105	100	39	17	112
54	79	d4	86	96	97	109	108	102	104	90	36	34	139
55	70	9.2	87	89	101	108	109	77	102	101	34	ul	708
56	30	76	90	59	100	107	105	103	104	94	87	76	107
37	73	9.6	65	87	95	108	106	101	101	34		74	របន
58	7.5	81	76	95	104	107	109	99	101	92	36	83	103
59	30	7/	83	95	44	106	1 (24	100	103	94	79	78	106
60	76	77	87	93	102	112	107	104	101	97	84	79	113
61	75	_ an	U 4	57	100	107	104	161	95	93	76	74	
62	73	63	48	101	98	105	102	106	103	97	84	75	106
23	79	3.8	55	97	97	102	1175	102	100	99	63	71	105
64	75	74	85	92	94	103	105	11)2	96	94		71	105
65	76	77	85	29	98	101	105	103		97	84	79	105
6ú	73	71	स 3	ਰ?	98	1.05		100	98	ग	84	77	102
67	30	1	69	87	98	104	105	107	99	92	65	25	105
68	73	82	82	86	100	109	1:33	<u> </u>	100	31	83	79	179
69	81	73	86	95	103	106	166	165	101	94	78	78	106
70	76	79	77	06	100	111	106	100	105	34	84	87	111
71	34	78	90	91	94	105	11)9	97	101	37	<u> </u>	79	109
MEAN					ACCEPTED AN				72.002				
\$. D.													
TOTAL OBS.		i	i			1							

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USAF ETAC FORM 0-88-5 (GLI)

EXTREME VALUES

MAXIBUN TEMPERATURE

(FROM DAILY OBSERVATIONS)

D. VIS BONT. APR ARTZUNA/TUCSON 41-46, 48-76

YEARS

MULE DEGREES PAINLIMETT

MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
12	77	8.3	30	92	97	107	18	167	97	97	78	73	103
13	15	76	74	90	99	100	108	104	104	95	57	<u> </u>	108
14	79	30	٤7	91	106	11 /	103	100	101	94	79	72	110
75	77	78	84	88	97	104	102	107	97	9.ग	48	30	107
15	79	81											
	-												
MEAN	78.5			92.0	50.7	106.8	105.1	102.8	101.3	95.1			107.9
\$ D.			4.444	4.272	2.969	2,640	2.542	3.4/7	3.257		3.741	1	2.139
TOTAL OBS.	1054		991 * (4)				1006	1053	969	1923	<u> </u>	1023	11711

MUTES * (BASED UR < FULL MORTHS)
(AT LEAST ORF DAY < 24 UPS)

USAF ETAC FORM 0-88-5 (OLI)

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EXTREME VALUES

HININGH TEMPERATURE

(FROM DAILY OBSERVATIONS)

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BAVIS MOLITHAN AFB ARIZONA/TUCSON 41-46, 38-76

YEARS

WHOLE DEGREES FAMPENMEIT

MONTH YEAR	JAN	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	oct.	NOV.	DEC.	ALL MONTHS
41		į					s. VQ	ОH	51	4 ን	20		
42	2 %	32		30	47	01	54	69	63		34	33	28
43	31	29	40	42	49	57	67	65	61	37	37	33	29
44		32	14	31	47	55		56	61	51	33	34	30
45	30	33	32	33	50	56	65	64	>3	48	34	27	27
46	29												
48	24		1	39	50			74	46	42	31	50	24
49	25	58		38	51	56		67	67		79	14	24 21
50	21	33	۶Ę	4?	39	5 R	0.5	66	-	53	42	35	51
51	27	29	32	39	41	>7	70	٥٥	úΣ	47	36	79	27
52	27	26	31	44	52	20	, -	65	60	53	34	31	26
53	32	26		41	46	58		υ£	62	45		11	26
54	33	35		49	49	50		65	63	45	37	25	25
55	27	23		41	46	54	53	09	61	49	34	34	23
26	34	26		35	52	64	67	67	66	41	28	۰۰ز	20
57	33	35		41	43		72	57	47	49		32	35
58	28	33	34	38	53			70	22	43	25	33	20
59	30	33		5 0	47	62	67	oβ	59	40	39	31	30
50	27	26	36	41	50	64	70	68	58	46	31	20	SO
61	35	36		43	52	55		64	58	40	32	٤٤	32
52	21	42	29	40		50	26	50	Ú1	43	33	37	21
63	24	36		37	51	54	69	67	65	52	36	32	24
64	20	24		38		59		65	58	50		52	20
05	29			38		53		65		42	39	32	23
ú6	28				50	58	* "	70	65	4.7	33	24	24
67	21		_ 64					69	63	43	38	26	51
80	3?			36	40	55		65	54	47	32	23	23
09	2.8	20	30	44	41	59	_ ,,	70	63	41	33	24	24
70	25		36	37	44	58	*	67	56	37	40	32	52
71	17	28	22	40	49	54	70	67	_ 55	31	36	27	17
MEAN													
S D.													
TOTAL OBS					2 8111	1							

MUTES * (BASED UN < FULL PRINTHS) * (AT LEAST ONE DAY < 24 UPS)

USAF ETAC FORM 0-88-5 (OU)

DATA PRICISSING BRANCH USAH/LIAC/BL A AIR WEATHER SERVICE / MAC

EXTREME VALUES

MIRIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

3

DAVIS MUNICAN AFB ARIZHNA/TUCSON 41-46, 48-76

MINICE DEGREES FAIRCHHEIT

MONTH	MAL	FEB.	MAR.	APR.	MAY	,AUL	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
/2	27	32	35	40	50	64	69	66	58	33	34	38	2.7
15	2.1	3.5	33	35	42	_ 27	66	69	57	45	30	27	27
14	31	28		40	45	62	4,9	υp	62	46	છે છે.	22	22 27
15	27	27 34	37	37	41	29	., ક	69	61	47	33	- 28	27
76	3.5	34											
								<u> </u>					
							·						
						<u> </u>							
MEAP)	21,4		32.7	39.7	46.7	٦ ^F •1	57 . 8	67.2	70.5	43.7	34.0		/5,1
S D.	4.213	3.866	3.507	4.194	4.302	3,522	2.227	1.911	4.797	5.144	3.540		3.524
TOTAL OBS	1054	710		2FD NW				1023	989	1052	980	1033	11411

USAF ETAC FORM 0-88-5 (OLI)

MOTES * (BASED ON C FULL MORTHS)
(AT LEAST DAY DAY < 24 OBS)

45 M

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C

USAFETAC FOLM 0.26-5 (OL A)

DAVIS MONTHAN AFB ARTZUNA (TUCSON) 41-46,48-76

PSYCHROMETRIC SUMMARY

ALL

																		PAG	r. 1	HOURS (1	. S. T.)
Temp.						WET	BULB	EMPER	ATUR	DEPRE	SSION	(F)						TOTAL	1	TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	υ.Β./W.B.	Dry Bulb	Wer Bulb	Dew Puir
12/111	i	- 1			1				;		ŀ						•0	2	2		
10/109		1							ł		L	<u> </u>					• 0	26			
08/107					i								1		i		• 1	103		Į	
06/105											1	İ	l	i	<u> </u>	٠.0	• 2	494		1	
04/103		1							i —	1		•0	1	•0	•0	•0	• 4				
02/101		1							Į	1	.0	.0	•0	•0	.0	.1	• 6	1949	1950	+	
10/ 99								•0		.0	•0	•0	•0	•0	•1	• 2	• Ü	3021	3023	i	
38/ 97		1			1			• 0	.(0.0	.0	.0	•0	• 1	• 2	.2	• 8	4024	4027		
96/ 95					:			, 0	• (0.	.0	• 1	• 2	• 3	•3	• 3	• 9				
94/ 93								•0	.() .o	.1	.2	• 3	.3	.3	5, و	•8	0103	6119	!	
92/ 91					7		•0	•0	• (• 1	•2	• 3	• 3	• 3	• 2	.3	• 3	0901	6972		
90/ 89					.0	•0	•0	•0	• 1	.2	.3	.3	.3	• 3	¹ •3	.3	.7	8043	8058	•	
87 87					•0	•0	+0	•0	• 6	.3	• 3	•3	• 3	• 3	.3	.4	•5	6192	8206	1	
6/ 85	,				.0	•0	٥٥	• 1	•	3 .4	.3	.3	• 3	.3	.4	.5	• 3	9033	9048	1	
4/ 83			.0	•0	•0	.0	• 1	• 3		. 3	. 3	• 2	• 3	• 3	.4	.4	•2	9407	1056	4	
2/ 81		1		• 0	.0	• 1	.3	.4	.4	.3	.3	.3	.3	.4	.5	•2	• 1	10485	10494	16	
0/ 79			.0	•0	•1	.4	•5	.4	•	. 2	• 3	• 3	• 5	• 5	•5	• 1	•0	11863	11882	49	
8/ 77	• 0		• 0	1	. 3	.5	.4	• 3		2 .2	3	.4	.6	-5	. 2	.1	• 9	11922	11940	98	12
6/ 75	-	• 0,	• 1	. 3	.5	.4	.3	• 2	• 6	2 ,3	.4	•5	• 6	1 .5	• 2	•0		12673	12688	448	2:
14/ 73		• 0	• 4	. 4	.3	.2	. 2	• 2	.:	3 .3	.5	.6	. 6	.3	.1		ļ	11850	11860	2058	62
27 71	.0	- 1	د .	• 2	•2	•2	٠ź	. 2.		3 .4	.6	• 7	• 5	•1	10	_	 	11293	11302	6753	287
10/ 69	•0.	• 1	. 2	• 1	1	• 1	•2	. 2				·	l		•0			10803	10810	14207	1499
8/ 67	٠.ن	• 1	• 1	• 1		•1		• 3						•0	1		·	10079	10085	16213	401
6/ 65	• 0		• 1	• 1	;	•1	.3	.4									l 1	9973	9973	13733	6021
4/ 53	• Q	• 0	• 0			•2		.5	•					1	†		i	10036	10039	11172	7281
2/ 61	• 0	• 0	•1	• 1	1	٤.	.4		! -			1	1 .		1	•	i	9696	9698	10549	7669
0/ 59	•0	• 0	• 1		•——				·					 	1		 -			11656	
8/ 57	•0	.0	• 1	- 7	,	1							ŀ			•	•			12736	
6/ 55	• 0.	• 1	•1										<u> </u>		 	 	 			14467	
4/ 53	0.	ì	. 2	• 3	i	•			1				i	:	i	l				15631	
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0/ 49	•0	• 2	• 3	-	1	1 _							; i						,	15220	-
8/ 47	•0	- 2	• 4									} - -	 		 					19133	
6/ 45	•0	• 4	۰, ز		1		•	.1	1	,	i I	ì	į		,	! !	ì			19144	
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ement (X)		~X'		<u> </u>	ZX		<u> </u>			NB. 01	-		- 1	- 30 F					4 93		iorci -
	-					— <u> </u> —		 	\dashv			= 0		≤ 32 F	2 67	f e	73 F	2 80 1	-1-93	<u>-</u>	10161
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er Bulb		_		[1		1	ı				1		ı	1		1	1	į	

2776

DATA PROCESSING BRANCH USAF ETAC APR WEATHER SERVICE/MAC

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STATION	- 0.11	J. L. J.	noni	S.	TATION H	AME	maż	ıñra	TIMA	41 -	40,4	0-/0		Y	EARS					A	LL
À	<u>. </u>																	PĄG	E 2	HOURS (L. S. T.)
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		1 . 2	3 • 4	5 - 6	7 - 8		11 - 12				19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.			
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0/ 39	•0		•4	<u>ق</u> 3 •	-4	2	<u>ب</u>	-0		┼	 	 	-	 		 			5121	5847	1090
8/ 37	.0	2	ر. بر		•3	• 2	•0	•0			ļ							4419		3547	125
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4/ 33	.0		13. i	ì		0					ļ					Ì	j	2246		5649	
2/ 31	• 0	• 1	î. i	• 1	•0	•0					<u> </u>		i —				 	791		3984	
0/ 29	0	1	1	.0	.0										1	1		513	514	2286	
8/ 27	• 0	• 0	٠Ò	• 0														274	274	1228	
6/ 25	-0	0	-0	٠.0						ļ		<u> </u>	ļ	<u> </u>				130	1,31		148
4/ 23	• 0	1		• 0									1	-		1		60	62	346	125
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07 9					٠,,						ļ									ļ	232
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. # 2	• 3,	3.2	7.0	2.0	6.3	7.0	8.4	0.0	, <u>0</u> . 3	(•0	7.3	5.0	2.0	4.7	4.0	3.3			34192		8395
ment (X)	- 1	Σχ²		- '2	×		X		\top	No. Ol	s.				Mean N	lo. of He	ors with	33966 Temperati		3967	
. Hom.	5	2076	0604		5908	26	37.3		4	2839		± 0 1		32 F	≥ 67		73 F	≥ 80 F	≥ 93 F	7-7	Total
Bulb		753			4206	79	68.3	16.87	20	2841								2509.3			876
t Bulb	80	3693	3036	14	7687	20	52.0			2839				66.4			82.6			1	876
w Point	4.5	5408	5195	10	5134	95	37.0	الأفاكا	19	2839	58	20		59.2			3.1				876

DATA PROCESSING BRANCH USAF ETAC 3 PSYCHROMETRIC SUMMARY. AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-46,48-76 JAH PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B./W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 2 .0 86/ 85 84/ 83 .0 .0 .0 18 .0 82/ 81 • 0 0 51 80/ 79 .0 .0 •0 .0 .0 51 105 105 78/ 77 .0 167 167 76/ 75 / .0 .0 .1 .1 • 2 • 2 . 1 • 0 741 73 249 249 •0 389 389 72/ 71 .0 • 2 516 516 707 69 .0 • 1 68/ 67 .0 626 626 .0 •1 •2 • 5 • 2 • 2 729 729 667 65 .0 .6 • 1 . 8 866 866 64/ 63 • 5 .6 • 2 • 1 • 3 . 8 1027 1027 62/ 61 1.Ö C .0 1203 1203 60/ 59 .5 • i • 1 .7 79 58/ 57 •0 1313 1313 56/ 55 54/ 53 1546 1547 218 • 1 1.0 C 1607 1607 408 853 134 1695 1695 52/ 51 Ş 50/ 49 • 0 .4 1.5 .6 • 7 . 2 .0 1844 1844 1642 160 1830 1830 2134 303 46/ 47 .0 .6 . 8 1.4 1.0 467 45 1.6 1853 1853 2563 492 .6 • 9 639 .6 1643 1643 2656 44/ 43 1.4 1418 2906 1417 762 427 41 1.3 1159 1280 1280 2742 40/ .39 .9 1.1 1.0 . 2 1008 1008 2289 1569 38/ 37 .9 i.ò ... 36/ 35 34/ 33 32/ 31 .0 . 8 .6 . 3 757 757 1977 1595 . 1 1563 1980 533 533 .7 • 5 • 3 1212 309 310 • 3 .0 € ಠ • 2 223 2083 709 30/ 29 28/ 27 26/ 25 146 146 474 1735 . 2 .0 • 2 75 294 1846 75 • 1 159 1557 .c 37 24/ 23 FO.EM 701.04 83 1387 26 No. Obs. USAFETAC Rel. Hum. Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFR ARIZONALTUCSON) 42-46.48-76 MAL T. PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 20/ 19 .0 .0 53 1241 18/ 17 26 1202 16/ 15 12 783 589 1.1 127 494 10% <u> 325</u> 87 270 227 41 150 108 21 07 C 99 -2/ -3 -4/ -5 57 30 C ONDITIE -61 -7 -87 -9 18 -10/-11 C wast 1.0 8.210.612.413.812.611.0 8.7 7.0 TOTAL 5.4 3.9 2.5 .9 25119 25114 .3 •0 25114 25114 C Shows C . 0.26.5 (OLA) 8 2 1 2 4 Element (X) USAFETAC Mean No. of Hours with Temperature 67017222 46.821.973 50.710.711 1174110 25113 ≤ 32 F Dry Bulb 67484483 1273875 25119 24.7 744 Wet Bulb 43025538 1025084 40.8 6.868 25114 89.6 744 25114

DATA PRUCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-76 FER C PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL C (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | -7 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 90/ 89 88/ 87 .0 .0 10 10 86/ 85 13 13 .0 .0 .0 .0 29 29 .0 •0 •0 84/ 63 .0 73 73 82/ 81 .0 .1 • 1 • 1 .0 .0 • 1 80/ 79 144 ٠0 • 21 206 78/ 77 .0 .0 206 76/ 75 74/ 73 316 316 .0 383 383 • 1 • 3 • 4 • 1 727 71 538 • 3 538 615 .6 615 70/ 69 · 0 • 2 • 2 . 5 . 2 •6 • 4 684 684 687 67 .0 . 8 .6 • 3 e 1 859 859 66/ 65 • 7 .8 •6 • 0 • 3 • 2 993 993 647 63 62/ 61 60/ 59 61 •2 1.0 •1 1010 1011 14 . Š 1205 1205 .4 43 .6 . 8 • 1 .0 1.3 147 58/ 57 . 2 1283 1284 .6 567 55 . 3 1432 1432 337 .9 1.4 • 1 . 4 54/ 53 52/ 51 1465 1465 693 1.4 20 • 6 . 8 1.2 .8 • 2 1433 1433 96 . 8 .6 ŏ . 2 1636 1523 1524 196 1.0 50/ 49 . 8 •0 48/ 47 46/ 45 44/ 43 • 6 1950 .7 1.2 . 6 Ex. 1 1449 1452 382 **1** 1320 1320 2325 513 1.1 1.2 .0 .6 . 8 1.3 1.1 0 .6 <u>1.0</u> 1069 1069 2436 674 . 9 • 9 949 • 7 949 2369 770 42/ 41 •0 .0 • 8 • 6 2207 884 • 8 853 853 39 . 8 . 8 . 0 .0 40/ • 3 387 • 6 604 1794 1104 37 • 6 • 5 604 • 5 • 6 • 1 1492 494 494 1220 36/ 35 34/ 33 32/ 31 30/ 29 324 324 1053 1535 **€** § ·3 • 2 .0 180 847 1639 • 2 180 564 1577 . 1 132 132 .1 28/ 27 26/ 25 43 301 43 1280 .0 •0 28 179 1484 • 0 28 • 1 10 M 121 1335 .0 ZX No. Obs. Element (X) Mean No. of Hours with Temperature USAFETAC Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 23109 DAVIS MUNITIAN AFR ARIZONA (TUCSON) 42-45.48-76 FEB HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 22/ 21 20/ 19 28 1271 1039 986 18/ 17 871 16/_15 646 14/ 13 567 10% 533 384 8/ 5 320 67 141 41 91 21 59 _0/_ 23 12 -2/ -3 -4/ -5 11 21665 -6/ -7 TUTAL <u>.4 5.7 8.4 9.911.611.611.110.2 8.4 7.0 5.7 4.0 2.6</u> 21668 21668 FORM 0.26-5 (OLA No. Obs. Mean No. of Hours with Temperature Element (X) 41.821.708 53.711.142 42.1 6.887 27.510.866 906566 ≥ 73 F ≥ 80 F 48143930 21665 Dry Bulb 672 65112466 1163156 21674 12.1 Wet Bulb 672 39417992 912052 63.4 21668 Dew Point

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USAFETAC

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

STATION	<u> UN</u>	V15	MONT	HAH	AFB	ARIZ AME	UNA	TUCS	<u>CN)</u>	4 <u>2-</u>	45,4	<u>8-75</u>			ARS						AR
																		PAG	E 1	A	LL.
Temp.						WF.														HOURS	L. S. T.)
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			TEMPER				21 - 22	22 . 24	25 26	27 20	20 20	× 31	TOTAL	Dry Bulb	TOTAL	
2/ 91			1			1	1.1.1.	13.14	13.10	17 - 18	17 - 20	21 . 22	23 - 24	25 - 26	27 - 28	29 - 30		2	Dry Bulb	Wet Bulb	Dew Por
0/ 89							ĺ								•0	0	•1	28	28		l
8/ 87						i	 				.0				•	•0	•2	49	50		
6/ 85		<u> </u>								.0		0		•0	.1	.2	• Z	106	106		
4/ 83		*	1								•0	•0	•0	•1	• 2	.4	•2	204	205		
2/81		!						.0			.0	.0	•1	• 2	.5	5	• 2	346	346		
0/ 79								İ		•0	.0	•1	• 3	• 5	6.	•1	•0	439	440		
8/ 77			ļ					.0	.0	.0		•2	-5	. 8	- 4	1	•0	525	526		
6/ 75 4/ 73			!					•0	•0	• 1	.2	•5	•9	1.0	.2	.0		684	685		
2/ 71		 					<u> </u>	•0	• -	• •	.4	.8	1.1	•6	-1			773	773		
0/ 69		;	1			•0		•0	• 1	.3	.7		1.1	• 2	•0			868	868		
8/ 67						•0	•1	• 2	•3	1.0	404	1.2	• ઇ	-1	-0			987	987		
6/ 65			ĺ		•0	.1	ž	4	.8	1.2	1.2	1.0	•3	•0	ı	i		1025	1025 1089	3 2	
4/ 63				•0	•0	•2				1.3	1.1	•3	•1	• •	-			1240		$\frac{2}{3}$	
2/ 61			•0	1	•1	.2	.6		i.2	1.3	.5	.1	.0		- 1		į		1231	13	
0/ 59		•0	•0	• 2	•3	•5		1.4	1.6	1.0	.4	•0			-+			1452	1452	48	
8/ 57		•0		. 3	.4	•7			1.3	.6	.1	.0	1	ŀ	- 1	- 1	i	1467		220	
6/ 55		• 1	• 2	. 3	•6	•9	1.4	1.4	4.0	.4	.0				$\overline{}$			1477		649	1:
4/253		• 1	.3	.4	. 8	1.2	1.4	1.3	.7	• 1	.0	ļ			- 1	ı		1511	1512	1263	3
2/, 51	_	• 1	.4 .ŝ	• 7	1,1			1.0	.4	.1								1494	1494	2008	89
0/:49	<u> • 0</u>	•2	• 5	.9	1.2	1.3	1.3	• 7	.2										1491	2491	168
1/2/	اما	. 4	•9 •9	1.0		1.0	•3	• 4	-1		- 1		Ì	ĺ	Ţ			1296	1296	2540	266
6/.45	•0	• 4	• 9	. 8	7	.7	.5	• 3	•0									1030	1030	2839	371
(()	• 0	• 6 7	.0	, 6 4	• 6	•6	•4	ب ا				ĺ		ŀ	- 1	- 1		881	881	2790	490
2/2011	1	100 m 0 m	- 60	- 4	<u>•6</u>	- 4		•0										695	695	2551	848
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DATA PRUCESSING BRANCH UŞAF ETAC AIR WEATHER SERVICE/MAC

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

23109 STATION	DΛ	VIS	TUNTE	AN A	AFB A	RIZC) AAC	rucso	<u>(NC</u>	42-	45,48	<u>8-75</u>		YE	ARS					A F	ITH
																		PĄG	E 1	HOURS (L	
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102/101						Ţ											•0	2	2		
100/ 99					1									<u> </u>			0	2	2		
98/ 97																	•1	12	12		
96/ 95				i				i									• 3	58	58		
94/ 93		1	I											İ			• 6	130	130		1
92/ 91		1	_1	i											.0	•0	•7	183	183		
90/ 89		i	!	į	- 1	ļ							•0	.0	.0	• 1	1.1	293	293		i
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76/ 75	ļ \$						•0	•0	•0	• 1	.4	• 9	1.5		.4	•2			1130		
74/ 73	i			- 1	-	- 1	•0	•0	•1	. 3		1.2			• 3			1037			
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70/ 69		1	. !	i	- 1	•0	• 1	• 2	• 4	. 8	1.5		•7			•0			1276	_	. 1
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56/ 55	ļ	•0	• 1	•1	.5	.7	-		. 8	2	<u> </u>	<u> </u>	ļ	 			<u> </u>	1228		1730	
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Dew Point	L														<u> </u>						لـــــــــــــــــــــــــــــــــــــ

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** 3 AIR WEATHER SERVICE/MAC -(1) 23109 DAYIS MUNIHAN AFR ARIZUNA (TUCSUN) 42-45,48-75 APR £ ALL HOURS (E. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Dry Bulb Wet Bulb Dew Point 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1-2 3-4 5-6 7-8 226 1444 34/ 33 .0 32/ 31 1992 307 29 32 1824 28/ 27 2053 26/ 25 1860 24/ 23 227 21 1756 1446 20/ 19 18/ 17 1150 792 16/ 15 497 14/ 13 € 457 12/ 11 332 157 9 10/ 87 7_ 95 6/ 41_ 27 -2/ -3 -6/ -7 -8/ -9 EDITOMS OF -10/-11 -14/-15 22905 22909 4.4 5.7 7.9 9.510.1 9.6 9.3 7.5 7.0 6.0 TOTAL 1.2 1.9 22908 22908 C € ું No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 73 F 22905 23217696 622176 27.216.608 1519715 720 Dry Bulb 104152429 66.312.073 22909 1096204 Wet Bulb 47.9 6.077 720 22908 53302066

DATA PRUCESSING BRANCH UŠAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-75 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 106/105 • 0 104/103 • 1 21 21 48 48 102/101 109 100/ 99 109 98/ 97 • 9 225 225 96/ 95 469 469 • 0 ٠Ü .1 1.9 947 93 2.7 691 693 902 906 92/ 91 3.4 •0 • 0 • 0 • 2 907 89 .0 •0 • 8 3.4 1094 1097 88/ 87 2.7 1210 1212 • 1 • 2 . 6 •0 •0 1.2 1249 1256 86/ 85 .0 .6 2.1 1194 1195 1215 1218 .0 . 8 1.6 84/ 83 •0 .0 1.5 • 1 827 81 1.8 .6 .8 • 5 •1 1316 1318 807 1.5 ٠ļ .2 1231 1232 77 75 1.3 787 .7 76/ •0 1.5 1333 1336 .0 1.3 73 1286 1286 747 .0 .0 1255 1256 1317 1318 72/ 71 ٠ļ 1.0 707 69 1.3 .6 .1 25 • 1 1.3 41 68/ 67 • 8 1.0 • 4 •0 1346 1346 1253 1253 124 667 65 1170 1172 367 2 64/ 63 1.0 .0 .0 .6 •0 906 •6 967 967 62/ 61 .0 • Ó 791 791 1838 28 60/ 59 • 0 .0 .0 • 1 ي و. 1.0 • 2 • 0 •0 58/ 57 590 590 2620 51 68 56/ 55 .6 .0 486 486 3058 • 2 • 0 .0 54/ <u>53</u> 52/ 51 322 2979 92 322 .2 202 202 2724 103 52/ .0 .0 • 1 •2 • 1 2554 181 50/ 49 .0 141 48/ 47 •0 .0 • C •0 288 •0 • Î 79 2023 .0 1676 45Ó .0 .0 .0 • 0 .0 •Ò 48 48 •0 • 0 28 1170 648 44/ 43 -0 • Di •0 .0 732 839 •0 •0 No. Obs. Mean No. of Hours with Temperature Element (X) Zx. 10 F 1 32 F ₽ 93 F Rel. Hum. Dry Bulb Wet Bulb Dew Point

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC -(1): AIR WEATHER SERVICE/MAC YAM 23109 DAVIS MUNIHAN AFB ARIZONALTUCSON) 42-45.48-75 C ALL HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL € (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B./W.B. Wet Bulb Dew Point 40/ 39 38/ 37 394 1056 .0 .0 .0 203 1239 367 35 90 1574 49 1804 34/_33 23 2065 32/ 31 30/ 29 2221 28/ 27 1970 2077 267 25 24/ 23 1720 22/ 21 1342 960 20/ 19 18/ 17: 16/ 15 636 485 13 12/ 11 341 <u> 191</u> 8/ *61* 101 4/ 39 21 0/ -1 -2/ -3 -4/ -5 -6/ -7 13 =2/ -41 -61 23614 23614 23614 1.0 1.7 TOTAL 3.0 5.1 7.8 9.210.3 9.4 8.9 8.4 8.0 7.818.4 .0 **€** ₫ No. Obs. Mean No. of Hours with Temperature USAFETAC Rel. Hum. ≥ 73 F × 80 F 13551773 494443 20.911.639 23614 Dry Bulb 75.211.777 1778391 552.1 137030245 23646 Wet Bulb 52.1 5.994 65014459 1230941 23614

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 23109 STATION

PSYCHROMETRIC SUMMARY

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nt (X)	ž _X ,				Zx	┶┯╌	X	· ·	<u>'</u> -	No. 01	1				Mean I	la, of H	ours with	Tempers	ture		
lum.					^_			 -	-		•	= 0	F ,	32 F	≥ 67		73 F	- 80 F	+ 93	F	Tetal
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ulb								 	_						 	-			-	_	
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DATA PRUCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC JUN 23109 JAVIS MONTHAN AFR ARIZONA(TUCSON) 42-45.48-75 PAGE 2 | TOTAL | TOTAL | TOTAL | | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point j Temp. (F) 215 1218 77 1276 44/ 43 1276 40/ 39 38/ 37 1458 1522 1812 367 35 34/ 33 32/ 31 30/ 29 1751 1735 1527 28/ 27 1100 1099 26/ 25 24/ 23 808 608 22/ 21 20/ 19 307 297 163 16/ 15 109 14/ 13 68 12/ 11 10/ 9 27 8/ 7 18 _6./_ 10 3 0/ -1 -2/ -3 -4/ -5 -8/ -9 22807 22825 1.0 1.6 2.9 4.3 6.5 8.6 9.0 9.1 8.1 8.5 8.430.5 TOTAL 22808 22807 Og Element (X) Mean No. of Hours with Temperature USAFETAC Rel. Hum. 20° 267 F 273 F 280 F 293 F 22807 14138758 493736 21.612.300 84.111.159 58.2 6.103 37.511.002 1919353 Dry Bulb 674.1 594.0 720 22825 164240573 Wet Bulb 720 1327963 Dew Point

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75 ALL PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL , Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 10/109 108/107 106/105 178 • 7 403 404 1.6 104/103 736 102/101 .0 2.5 736 976 977 1007 99 1167 .0 1169 98/ 97 .0 .0 1.0 1.6 96/ 95 1353 . 8 1352 . 0 1.1 .6 1271 1279 1.2 1.2 • 8 .0 • 1 1500 1501 .8 927 91 1567 1570 1517 1520 90/ 89 88/ 87 .0 1.5 • 3 • 1 . 3 1.5 1.1 .6 • 4 •2 • 0 •0 •0 1.0 •1 .0 •0 • 6 1.5 1.6 1607 86/ 85 • 1 .0 1611 • 1 1721 1723 847 83 •6 .0 •0 1.5 827 .6 2.0 1850 1850 81 .0 • 1 • 3 • 1 .0 1.9 2028 2034 .7 •0 807 79 .6 .0 1812 1822 1663 1669 • 1 62 781 • 0 1.6 2.1 •6 197 .5 .6 76/ • 0 .0 1193 1196 855 73 741 1.1 • 1 •1 • 1 75₁ 751 2731 72/ 71 .0 1.2 302 5824 302 • 0 70/ 69 • 0 .0 .0 64 5817 64 68/ 67 •0 10 3721 2201 10 .0 66/ 65 .0 • 0 1876 2475 647 63 1049 62/ 61 646 2547 607 59 58/ 57 323 2110 244 1835 172 1424 53 541 114 1130 52/ 49 41 888 507 48/ 47 678 744 576 447 No. Obs. Mean No. of Hours with Temperature X27" Element (X) Dry Bulb Wet Bulb

Dew Point

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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23109 DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

																		PĄGI	£ Z	HOURS (L	. S. T.)
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	· -
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 * 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
2/ 41						1											1				44
0/ 39				!	ŀ					Ì	1			1		ĺ	1	ļ		1	40
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TĂL _	- 1	1.0	3.3	4.6	5.7	6.7	7.1	7.2	7.4	7.6	7.7	7.1	6.7	6.2	5.6	4.5	511.4	ļ	23771	! _	4371
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lement (X)		Σχ²	<u></u>	 	ΣX	' 	X	•,	'	No. 01	1	!	<u> </u>	!	Mean i	No. of	Hours wit	h Tempera	ture	<u> </u>	
el. Hum.		5149	3825	i	9993	65	42.1	19.8	94	237	19	≤ 0	F	1 32 F	≥ 67	F	≥ 73 F	≥ 80 F	× 93	F '	Total
ry Bulb			3414		0409	12	85.9	8.9	กลิ	237			$\neg \neg$		743	-6	708.6	533.	5 192	. 3	74
let Bulb	1	0744	4935	i	5936					237					486		36.1		7		74
ew Point		7862			3482		56.H	بعجب	<u></u>	237				13.8	$+$ \mathbf{Z} \mathbf{Z} \mathbf{Z}			 	ــــــــــــــــــــــــــــــــــــــ		74

DATA PROCESSING BRANCH USAF ETAC AJR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 STATION	DAY	VIS A	HUNTE		AFB ATTON N		DNA	TUCS	ON)	41-	45,4	8-75		YE	ARS						UG NTH
																		PAGI	E 1	HOURS (LL L. S. T.
Temp.									ATURE									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
110/109	ļ		l														•0	3	3		l
108/107																	•1	15	15		
106/105		1	1														• 2	49	49		
104/103	-									· ·		•0			•0	•0	• 4	106	107		
105/101	!		ļ								•0	•0		•0	•0	•2	. 9	302	303		ļ
100/ 99					<u></u> .			•0		.0	.0	•0		•2	.4	.6	1.2	611	612 888		<u> </u>
98/ 97	1	1	- 1				}	•0		.0	•0	•0	• 3	•6	.8	•7	1.1	887	1243		}
96/ 95								•0		•0	• 1	. 4	.9	1.1	1.0	•6	-9		1399		
94/ 93	1	1					؍ ا	١ ؍	.0	• 1	. 4	1.1	1.2	1.2	• 7	.4	•4		1443		1
92/ 91							•0		•1	1.2	1.1	1.6	8.	• 5	•4	• 2	•0		1602		
90/ 89		İ				•0	•0		1.1	1.8	1.7	.8		•3	.2	. 1	•0		1550		
86/ 85						.0	•2	.9		1.6	1.1	•5		• 2	•1	•0	•0		1647	1	
84/ 83		İ			•c	.1	.7	2.0	1.6	1.1	5	.3	.2	1	.0	•0	• •	1631	1636	ī	1
82/ 81		-		• 0	- 1	. 8	2.0			7	.4	•2	•1	•0	•0	•0		1877	1881	12	
80/ 79	1	1	•0	• 1	.7	2.1	2.7	1.6	٠.	.4	.3	. 2	•1	•0	.0			2250	2257	16	1
787 77	•0		•0	.7	2.0	2.5	1.9	1.0		.4	•2	•2						2288	2292	31	T
76/ 75		• 0	. 4	1.7	2.5	1.7	<u>9</u>	.5	.3	.2	.1	•0						2077	2078	210	
74/ 73		• 1	1.3	2.1	1.5	• 8	.5	•3	.3	•1	• 1	•0	•0					1696	1696	1051	
72/ 71	• 0	• 4	1.6	1.1	.5	.3	.2	•1	.1	•1	•0	•0						1129	1129	3348	
70/ 69	• 0		.7	• 4	•1	• 1	• 1	• 1	•0				ţ	l i				403	463	6196	
68/ 67	• ()		• 1	• 1	•0	•0					.0							144	144	5810	
66/ 65	•0	• 0		• 0	•0	•0	•0	•0	.0	ļ					1			35	35	3544	
64/ 63			•0				<u> </u>	<u> </u>	ļ	 	ļ			<u> </u>				1		1919	
62/ 61								1		1										617	
60/ 59									 		<u> </u>									345	
58/ 57 56/ 55								İ			l				i I					170	1
54/ 53							 -	 	 				 							75	
52/ 51	,								1			}	1			1				40	
50/ 49							 -	<u> </u>	 					i —						11	7
48/ 47						Ì	ļ	1)		1	Ì	1						1	6
46/ 45													1								5
44/ 43					1					Ì											4
Element (X)		ZX2			Σχ	2	X	7 x		No. 01	3.				Mean h	lo. of H	ours wit	h Tempera	lure		
Rel. Hum.											•	± 0	F :	≤ 32 F	≥ 67	F 2	73 F	≥ 80 F	≥ 93 l	F	Total
Dry Bulb																					
Wet Bulb	_																	<u> </u>			
Dew Point								<u> </u>	L_												

No.

DATA PROCESSING BRANCH USAF ETAC AJR WEATHER SERVIÇE/MAC

USAFETAC

3109 STATION			<u>.</u>	51	TATTON N	AME				41-4				YE	ARS					МО	UG NTH
																		PAG	t 2	HOURS (LL L. S. T.)
Temp.		,			T .					DEPRES			r. —					TOTAL		TOTAL	1=
(F)		1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	U.B./ W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41					1	1											1	1			324
40/ 39			ļ			 											<u> </u>	 	ļ	ļ	202
38/ 37		!	İ	l					1										[}	139
36/ 35			<u> </u>	 					<u> </u>	 							 		<u> </u>	ļ	110
34/ 33		i							1	l i									l	Ì	64
32/ 31		<u> </u>			<u> </u>				<u> </u>	<u> </u>							 	ļ		ļ	33
30/ 29		1	1				i i		ĺ	1 1			[1	ļ		16
28/ 27		!	ļ	<u> </u>					<u> </u>								<u> </u>	<u> </u>		 	3
26/ 25						1	[Ì	1								1			1
UTAL	1	Lek	4.3	6.1	7.7	8.5	9.3	9.8	8.6	8.0	7.5	6.8	5.8	5.0	4.0	زوت			24473		24432
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		<u>. </u>				:	16.		٤											<u> </u>	
Element (X)		Σχ²				ر امران را رامران را	X	**		No. Obs								h Tempera			
Rel. Hum.		6299	9848	1	1520	52	47.2	18.4	43	244		10	P :	32 F	≥ 67		≥ 73 F	> 80 F	≥ 93		Total
Dry Bulb			9241			63	83.8	8.4	10	244			$\bot \bot$		742	.9	590.1		0 140	0.4	744
Wer Bulb			3029		6505	51	67.6	3%	28	244					507	. 5	40.3		5		744
Dew Point	_		7623		4427		59.1			244	32			1.6	89	77	1.0		1		744

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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USAFETAC

Dew Point

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

PSYCHROMETRIC SUMMARY

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ALL PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.B./W.B. Dry Bulb 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 Wet Bulb Dew Point 108/107 .0 3 106/105 27 27 104/103 • 3 69 69 102/101 190 190 100/ 99 .0 •0 •0 • 1 . 3 1.2 383 383 987 97 638 638 96/ 95 •9 •4 1.9 978 978 • 2 94/ 93 . 9 1 • Ż 1039 . 8 • 0 1043 92/ 91 .0 • 0 .9 1.0 . 8 • 8 1192 1195 1.0 90/ 89 .0 •0 • 0 . 6 -4 1316 1318 88/ 87 • 0 . 2 .5 • 9 1.1 1.1 1.0 .2 1362 1364 • 6 <u>86/ 85</u> O'S 1464 1465 84/ 83 •0 •0 •1 1.0 •0 1429 1431 •0 1409 1490 . 5 •7 . 8 • 3 .6 . 8 827 81 1.0 1.0 1.0 • 5 • 2 •0 • 4 • 7 1574 1576 80/ 79 .0 1.0 • 9 1.1 • 4 .0 • 3 • 7 • 1 787 77 . 8 .0 .0 1.2 .3 .8 • () 1731 1733 3 75 76/ • 0 • 0 . 3 .9 1.1 1.1 1.1 1.0 • 1 30 .5 • 2 1855 1857 T. 74/ 73 1714 1718 . 7 113 • 0 72/ 71 70/ 69 . 8 • 1 • 5 .9 • 8 .6 • 5 .0 1589 1594 535 . 2 • 8 .6 ٠Ġ 1236 1240 1653 86 68/ 67 . 0 • 2 • 5 • 4 • 4 • 4 • 4 • 4 • 4 . 4 • 1 • 0 • 0 861 864 3046 276 66/ 65 .0 . . . • 3 586 586 3752 673 • 2 •2 •1 64/ 63 •0 • 1 • 1 .2 ٠ļ • 2 • 3 • 0 366 3476 • 1 366 1072 62/ 61 207 207 3099 1435 60/ 59 .0 • Ô 144 2393 . 1 .0 145 1668 <u>58/ 57</u> • 0 اَق و .0 ٠ŏ •ò 1699 49 49 1767 56/ 55 ٠Ū • 0 ۰ũ , • Û 20 28 1340 1758 547 53 963 1740 23 23 52/ 51 50/ 49 .0 •0 . 0 623 1707 420 1528 48/ 47 214 1481 46/ 45 1.08 1456 44/ 43 51 1367 20 1146 Element (X) No. Obs. Rel. Hum. 10F ± 32 F 267 F | 273 F | 280 F | 293 F Dry Bulb % Wer Bulb

A. A.

DATA PROCESSING BRANCH USAF ETAC 'R WEATHER SERVICE/MAC

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

23109 DAVIS MUNTHAN AFB ARTZONA (TUCSON) 41-45.48-75 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 933 40/ 39 837 38/ 37 744 36/ 35 536 434/ 33 32/ 31 473 283 30/ 29 205 28/ 27 26/ 25 24/ 23 140 106 48 22/ 21 20/ 19 29 18/ 17 16/ 15 14/ 13 12/ 11 TOTAL 8 2.3 3.6 4.6 5.8 7.1 8.3 8.9 9.0 8.9 7.8 7.0 6.7 5.5 23585 23547 23547 23547 Mean No. of Hours with Temperature Element (X) ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 898504 38.218.343 23547 42207012 80.9 9.731 62.2 5.517 Dry Bulb 1907425 23585 720 677.0 564.1 380.2 101.7 156495045 Wet Bulb 720 91723847 1463881 23547 Dew Point

DATA PROCESSING BRANCH 3 PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC C DAVIS MUNTHAN AFB ARIZONA(TUCSON) DCT MONTH PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 102/101 .0 1 •0 100/ 99 (98/ 97 •0 •0 .0 •0 • 1 44 158 96/ 95 158 • () • 2 94/ 93 92/ 91 .0 • 0 •0 • 1 .6 246 246 463 463 • 9 90/ 89 • 7 688 688 • 2 769 769 887 87 .6 .6 954 954 86/ 85 •0 . 8 •9 • 3 988 988 84/ 83 .0 • 1 82/ 81 80/ 79 . 3 • 9 • 2 1034 1034 • 0 • 8 • 1 . 0 •0 • 7 1171 1171 .3 . 1 1.0 1.0 •0 787 77 •5 1.0 1.0 •9 •5 1214 1214 75 73 . 3 .9 .7 1334 1334 767 .6 .9 .3 1350 1351 TT • 0 741 .8 1.0 72, 71: 1.0 1468 1468 21 •3 . 8 • 5 1603 1603 91 10 70/ 69 • 1 .2 •5 •0 1.1 • 2 . 0 1687 1687 305 31 . 3 1.0 . 8 • 1 687 67 • 0 ٠Ó • 7 •3 .0 66/ 65 1.0 1674 1674 645 110 .0 1.2 64/ 63 . 1 • 3 . 3 . 5 . 8 . š 1.1 ĭ.ì . 3 1508 1508 1134 179 • 1 1400 1400 1716 • 0 254 • B 1.0 •0 .0 1217 1217 2444 355 60/ 59 .B . 3 888 58/ .5 888 2781 495 57 .4 • 6 •6 •2 •0 699 699 2971 652 56/ 55 .3 • 3 • 4 .6 2699 54/ 53 • 0 • 2 •2 •2 534 534 815 • 1 . 3 405 406 2334 ŚĮ. •4 52/ 336 2064 56/ 49 48/ 47 46/ 45 336 1150 • 2 .0 207 1638 1267 206 46/ •0 136 138 1299 1512 ٠Į • 0 . 1 • 1 .. L **⊕** ₫ 43 902 1696 92 93 .0 ٠Ŏ ٠Ó •0 41 • 0 64 64 563 1740 42/ • 1 .0 ٠O • 1 19 19 344 40/ 38/ <u>.39</u> . 0 • 0 193 1724 .37 .0 .0 367 35 128 1580 Mean No. of Hours with Temperature Element (X) O VEAFETA Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

23109 DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

PSYCHROMETRIC SUMMARY

DCT MONTH

															 						
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TÄL	• 1	2.6	3.2	3.7	4.9	6.9	8.7	9.7	10.5	9.4	8.8	7.2	6.7	5.3	4.5	3.6	4.3	24371	24378	24371	2437
2/ 1 1/ =1																					
5/ 5																					19
)/ 9 3/ 7																			İ		62 17
4/ 13 2/ 11:																<u> </u>					121 63
8/ 17 6/ 15															<u> </u>						257 176
2/ 21 0/_19									 						<u> </u>						509 366
4/ 23								ļ							<u> </u>			<u> </u>			619
3/ 27									_						 			<u> </u>		2	949
2/ <u>31</u> 0/ 29				0					_	<u> </u>			_	 				2	2	22 3	<u>1329</u> 1171
1/ 33	0	1 - 2	3 - 4	3-6	7 . 8	9.10	11 - 12	13 - 14	13 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 20	27 - 28	29 - 30	231	1	1	52	1460
Temp. (F)											SSION (·	1				TOTAL D.B./W.B.		TOTAL	

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

23109 STATION	DAY	VIS 1	וואטר		AFB A		DNA (1	ruc s (INC	41-	45,4	8-75		YE	ARS					NL MON	
3707108				٠.	A110# #^	ME												PAG	E 1	ΛL	
																		,		HOURS (L	. ú. T.)
Temp.							BULB T							т				TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30		0.8./W.B.	Dry Bulb	Wet Bulb	Dew Pont
92/ 91			,	1			İ									ا ا	•0	3	3	İ	
88/ 87		+										 		1.0	.0	•0	•0	28	28		
86/ 85	!	1	1	- 1	ļ						.0	.0	•0	1	.1	.1	-2	107	107		
84/ 83	—— 								.0	•0	•0		• 1	_	•2	•2	• 1	201	203		
82/ 81			. •	1					.0	.0	.1	.1	. 2		.3	.2	•1	352	352	1	
80/ 79		-							.0	.0	.1	.2	.6		-	.2	•0	519	519		
78/ 77			i	l					•0	.1	.2	.4	.7	•7	• 3	•1		598	598		
76/ 75		1					•0	•0	.1	• 2	• 3		• 9		• 2	•0	-	729	729		
74/ 73								-1	.2	.3	.6	-8	.7		•1			723	723		
72/ 71	ì	i		i		•0	•0	• l	.3	.5	.9	•9	• 6		•0			'836	836	l	
70/ 69		i			•0	-1	• 1	- 3	• 6	.8	1.1	-8	• 4					973	973 1056		
58/ 67	,	,	1	•0	•0	• 2	.2	• 4	. 8 . 9	1.1	.8	•5	• 2			1 1		1056	1056	2	
66/ 65			•0	-0	•1	• l	•6	1.0	1.3	1.1	.6		• 1		 			1265		27	
62/ 61		.0	- 2	Ž	.2	-5	8	1.4	1.2	1.0	.3		••	Ί				1359	1360	62	
60/ 59	0	.1	•1	.3	-4	•9	1.3	1.4	1.4	• 7	•3			 				1651	1651	246	
58/ 57	•0	.2	ź	. 3	.6	1.1	1.3	1.4	1.0	.6	.1	.0		1	1			1614		583	39
56/ 55	•0	• 2	• 3	.4	.9	1.3		1.6	. 8	.3				 	<u> </u>			1773	1774	1109	125
54/ 53	.0	. 2	.4	. á	1.0	1.3	1.5	1.2	.6	.1	.0				İ	i		1679	1680	1665	150
52/ 51	• 0	. 3	•5	.7	1.0	1.3	1.3	1.0	.3	.1				1				1527	1527	2127	211
507 49	•0	. 4	• 6	1.0	3	1.2	.9	•6	.1	.0				<u> </u>	<u> </u>			1359	1359	2556	368
48/ 47	• 0	. 4	•6	. 8	1.1	• 8		• 4	•0									1124	1124	2798	465
46/ 45	•0	5	.7	.6	.7	.7	• 5	• 2						<u> </u>		<u> </u>		932	932	2636	691
44/, 43	• 0	• 4	• 5	• 6	• 4	• 4	• 3	• 1				1		l				642	642	2408	865
42/ 41	•0	_ • 5	.4	.4	. 4	•2	•1	•0							-			501	502	2233	
40/ 39	. 0	• 5	• 4	•3	• 3	• 1	•0	•0										381	381	1860	1438 1638
38/ 37	<u></u> 0	.3	-4	•2	<u>• 2</u>	• 1								-				280 197	280 197	900	
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30/ 29	0	.0		• 0	.0													17	,		1814
28/ 27	•••	•0			•0							\vdash						2			1471
26/ 25	`	Ü									3			i	İ			2	3		1480
Elément (X).		ZXI			t X	$\neg \vdash$	X	* 2	T	No. Ob	s.				Mean I	No. of He	ours with	h Tempera	ture		
Reli Hum.	<u> </u>										<u>'</u>	± 0 !	F	≤ 32 F	≥ 67	F 2	73 F	= 80 F	≥ 93 F	1	otal
Dry Bulb																					
Wet Bulb																		!			
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23109 DAVIS MONIHAN AFB ARIZONA(TUCSON) 41-45.48-75 PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 1346 24/ 23 1123 22/_21 908 20/ 19 844 680 16/ 15 C 440 356 12/ 11 206 10/_ C 134 8/ 87 _6%_ 35 41 0/ -1 -2/ -3 -4/ -5 -6/ -7 11 1 orono -8/ -9 -10%-11 -12/-13 -14/-15 -16/-17 TOTAL 23633 23634 23634 O 3 **⊙** ₫ 100

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE MAC

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PSYCHROMETRIC SUMMARY

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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DAYA PRUCESSING BRALCH USAP ETAC AIR WEATHER S RV/CE/MAC

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Dry Bulb		マススス ム月フツ	5260	1	2668		51.8	10.3	19	244			-	13.8		2 • 2	20.9			-15	744
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Wet Bulb		4363	しんかんら	1	0203	50:	41.7	6.4	221	244	42 1		•	62.6	ı			l .	1		744

DATA PROCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARIZONA(TUCSON) 42-46,48-76 JAN MONTH PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL C 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 66/ 65 641 63 627 61 •0 .0 9 60/ 59 38/ 57 5 i . 3 51 .1 • 2 • L • B . 1 .0 64 64 1.Ò 56/ 55 123 123 54/ 55 .3 .ម .ប៊ .7 : 3 161 161 12 .6 <u>52/ 51</u> 230 230 37 50/ ,9 1.1 1.0 1.3 • 🗒 262 51 20 262 <u>487</u> 47 1.3 284 284 68 1.1 2.1 461 1.8 • 1 • 2 389 2.6 2.9 171 389 43 2,5 2.0 .9 348 348 282 2.1 1.8 1.9 2.2 292 292 1.1 •3 404 2.0 40/ 39 38/ 37 415 260 260 161 . 8 188 215 215 414 367 35 1.6 1.3 . 8 •4 158 158 365 206 108 289 24/ 33 • 9 108 338 .4 ٠Ó 327 31 • 3 58 219 270 58 30/ 29 . 0 . 7 .2 58 58 137 261 287 27 .3 رمون .0 28 28 26/ 25 23 21 . 2 235 178 .0 • 0 13 13 5. •0 ٠Ž 12 13 28 227 • 0 20 175 20% 19 150 18/ 17 146 95 13 147 67 (O.P.A. 127 68 10/ 9 7 48 87 31 O 265 6/ .5. 15 .Ĵ: 15 2/ 13 Element (X) ZX' Mean No. of Hours w 1/4 Temperature Diy Bull.

DATA PRUCESSING BRANCH USAP ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNTHAN AFB ARIZONA(TUCSON) 42-46,48-76 0000-0200 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wer Bulb | Dew Point -2/ -3 -4/ -5 -6/ -7 -8/ -9 3 3138 TOTAL 1.214.116.518.418.813.6 9.8 4.7 2.0 .6 3136 C € O soorte O N C C ₹ () ē 0.26.5 FO.EM 721 04 No. Obs. Element (X) Mean No. of Hours with Temperature USAFETAC Rel. Hum. 11226170 176334 56.220.450 3136 ≤ 32 F 44.4 7.255 37.7 5.985 5.1 17.0 6342<u>2</u>38 4558897 Dry Bulb 139204 3137 93 Wet Bulb 3136 118087 Dew Point

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DATA PROCESSING BRAK A 3 PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-46,48-76 JAN 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 .0 64/ 63 62, 51 60/ 59 20 20 • 1 .0 587 57 34 . 5 107 107 56/ . 3 . 8 131 131 .6 521 51 177 21 10 237 48 13 507 1.6 • 6 237 273 275 48/ 111 50 303 46/ 45 303 2.4 2.2 2.1 352 352 212 44/ 43 329 329 342 74 427 2.0 •2 294 40/ 294 434 122 264 264 354 186 38/ 37 36/ 35 208 208 393 169 • 6 152 34/ 33 1.0 152 362 266 32/ 31 .5 89 89 312 256 307 29 63 63 181 288 • 3 28/ 27 44 126 238 267 . 3 .0 Ż6 26 69 239 24/ 23 22/ 21 203 40 11 22 .183 19 17 207 15 136 <u>1</u>8/ 168 16/ 15 133 13 12/ (OL A) 37 10% 8/ 30 67 4/ 3 15 18 0/ -1 -2/ -3 Element (X) Mean No. of Hours with Temperature Ret. Hum. Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MONTHAN AFB ARIZONA(TUCSON) 42-46.48-76 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 -4/ -5 -6/ -7 -8/ -9 ±10/±11 TOTÁL 3147 3146 1.916.717.518.018.113.6 8.6 3.6 1.5 Element (X) 57.620.636 42.9 7.354 36.6 6.133 ± 32 F Rel. Hum. 181366 3146 11795012 Dry Bulb 5934771 134923 3147 7.3 23.0 3146 4330086 Dew Point 63.6

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-46,48-76 JAN PAGE 1 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 68/ 67 66/ 65 .0 • 1 627 61 .0 .1 • 1 • 1 56/ • 3 €. 52/ ŠĨ 1.0 1.1 • i . 6 • 6 2.3 48/ . 8 2.0 C • 6 46/ 72 44/ •0 2 7 . 2 36/ 1.8 34/ 308 . 2 . 6 • 0 182 .3 .1 • l 20/ 16/ Og 8/ Mean No. of Hours with Temperature Element (X) 10F ≤ 32 F Total Rel. Hum. Dry Bulb

Wet Bulb

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AFB ARIZONA(TUCSON) 42-46.48-76 0600-0800 HOURS (L. S. T.) PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 0/ -1 -2/ -3 -4/ -5 -8/ -9 10 9 -10/-11 3145 3145 3145 C & 0 ತ Efement (X) No. Obs. Mean No. of Hours with Temperature OSAFETAC Rel. Hum. 182163 57.920.416 3145 ≤ 32 F ≥ 67 F ≥ 73 F 11861567 133388 42.4 7.441 113925 36.2 6.204 85123 27.1 9.894 Dry Bulb 93 5829696 3146 8.1 Wet Bulb 93 4247851 3145 25.3

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DATA PRUCESSING BRANCH USAP ETAC AIR NEATHER SERVICE/MAC

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0.26-5 (OL A)

23109 STATION	DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-46,48-76 STATION NAME YEARS													JAN						
,													PAG	E 1	-	-1100				
Temp.	WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231												TOTAL		TOTAL					
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew Point
78/ 77											.1		•1				2 4	2		
74/ 73								•0	•0		• 1	• 1	• 1	•0			11	11		
72/ 71									.1	.1	.3	• 3	•1	•0			26	26		1
70/ 69						•0	• 1	•1	• 2	•2	.3	• 3	•1	•0			41	41		
68/ 67					•0		•1	• 1	.1	.4	.5	•2	2				50	50		ł
66/ 65					•0	• 2	• 2	• 3	. 8	.9	.8	•2					104	104		
64/ 63					•1	•1	٠Ž	•7	1.0	1.2	.8	• 3					137	137		
62/ 61				• 1	• 1	.4	نِ.	1.2 1.3	1.5	1.6	• 5	•0					192	192		1 6 18 29 38 76 94 92 141 201 226 262 248
60/ 59		-	•0	• 2	.4	• 6	1.5		2.0	1.1	.2						229	229	3	
56/ 55			• 1	• 4	•4	•9	1.9	2.1	2.1	•6	• 1						269	269	9	
-54/ 53		• 1	• Ż	• 5	1.1	1.2	2.2		1.4	.4							295	295	27	1
52/ 51		• 1	• 4 • 6	• 8 • 7	1.8	2.0	1.0	1.6	1.0	•2					i	Į	280	280	51	6
50/ 49	•1	• 3	•8	1.3			1.6	1.4	- 3	•0							262	262	95	18
48/ 47	• •	.7	ō	1.5	1.6	1.6	1.7	.5	.2								249	249	201	29
46/ 45	• 1	• 5	•9		1.5	1.1	1.0	• 4	• 3								252	252	313	38
447 43	î	.4	ý	1.6 1.2	.6	1.0	.5	. 2									222 151	222 151	427 457	76 94
42/ 41	• 1	• 5		1.0	• 7	• 5											120	120	415	92
407 39	.1	. 5	. 8 . 5	. 5	. 6	. 3	4 3		j								85	85	358	141
38/ 37	• 1	. 3	.4	.5	•4	• 2											58	58	260	201
367 35	•1	• 3	. 3	• 5 • 3	.3	• 1											45	45	202	226
34/ 33	ĺ	• 1	• 1	• 1	• 2	• 1											22	22	124	262
32/ 31	• 1		• Ž	. Ž	• 2											-	18	18	89	248
30/ 29	1		• 1	• 1	• 1												6	6	44	240
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Rel. Hum.	- <u>*X</u> .			Z _X			X	₹ 2		No. Obs.		Mean No. of Hour								
Dry Bulb												≤ 0 F	- 3	32 F	≥ 67	F ≥ 73 F	≥ 80 F	≠ 93 F		otol
Wet Bulb											 i-						 			
Dew Point	-		- 						-						Ş		 -			<u></u>

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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USAFETAC FORM 0.26-5 (OL A)

3109 STATION	DAVIS MONTHAN AFB ARIZONA (TUCSON) 43											42-46.48-76 YEARS								JAN MONTH		
	,													PAG	E 2	0900-1100 HOURS (L. S. T.)						
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 29	30 ≥ 31	D.B./W.B.	Dry Bulb		Dew Point		
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8/ 7				!			ŧ							1 1		ļ			ł	31		
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2/ -3			1														I			9		
4/ -5						L				<u> </u>										4		
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DATA PROCESSING BRANCH 3 USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MUNTHAN APB ARIZONA (TUCSON) 42-46,48-76 (F) 86/ 85 84/ 83 82/ 81 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71 70/ 69 68/ 67 66/ 65 64/ 63

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PSYCHROMETRIC SUMMARY

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MONTH PAGE 1 1200-1400 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2 2 •0 .0 12 12 .0 .0 . 1 • 2 20 20 .0 • 4 •6 • 1 .0 . 3 53 53 •1 • 2 • 1 69 69 .1 . 6 . 2 .3 1.3 •4 • 2 •1 •2 111 111 153 153 •1 •2 1.8 1.2 230 230 1.1 2.1 **.** 8 2.0 2.3 .3 239 239 .0 . 2 •1 264 .6 1.1 2.0 2.4 .3 264 1.3 <u>7.1</u> . 3 2.Ó 262 262 .0 62/ 61 .7 270 270 •1 •2 .0 1.5 1.6 2.2 1.6 607 59 .3 1.8 271 1.3 1.8 271 .0 .6 58/ 57 245 36 245 • 1 • 3 • 8 1.2 75 1.0 567 55 1.0 î.ò .6 188 188 8 156 130 •7 •6 156 54/ 53 . 2 • 3 . 8 • 9 • 9 .7 •4 .0 274 29 . 3 527 51 164 164 . 5 49 •4 •4 132 132 499 26 • 1 • 9 • 5 507 1.0 37 **524** 98 48/ 47 . 8 98 .7 • 0 •4 •2 .3 • 3 •2 •2 66 66 483 80 .4 .6 45 45 89 338 43 44/ 42/ 41 39 • 2 • i . 2 • 2 28 28 248 112 .0 • 1

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DATA PRUCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AFR ARIZONA (TUCSON) 42-46.48-76 1200-1400 HOURS (C. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL T 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B./W.B. Dry Bulb Wet Bulb Dew Point 18/ 17 138 16/ 15 £ 14/ 13 68 12/ 11 59 107 46 8/ 45 61 5 37 41. C 21 1 16 0/ -1 -2/ -3 -4/ -5 -6/ -7 € 3140 C mono 3140 0 0 0 10-10-26-5-(OLA) <Element (X) No. Obs. Rel. Hum. 103146 267 F 273 F 280 F 293 F 4350350 32.817.507 3140 11886960 191134 60.9 8.969 45.9 5.553 3140 6709151 144093 3140

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** UŠAŘ ĚTĂC AIR WEATHER SERVICE/MAC NAL DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-46,48-76 1500-1700 PAGE 1 , Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Paint 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 2 88/ 87 86/ 85 84/ 83 •0 3 3 82/ 81 80/ 79 78/ 77 1.1 . 1 • 3 31 31 50 50 93 93 76/ 75 74/ 73 72/ 71 126 126 202 202 1.1 2.4 1.4 . 8 • 1 1.8 214 70/ 69 68/ 67 66/ 65 • 0 .8 1.8 280 280 •1 2.5 2.5 .3 247 247 1.8 286 236 2.0 64/ 63 257 627 61 257 268 268 60/ 59 1.8 1.1 1.4 1.6 1.2 • 1 199 199 28 587 57 . 8 .3 56/ 55 54/ 53 .8 1.91 191 .6 1.0 64 • 0 · 2 .1 165 165 134 • 3i . 6 29 22 291 140 140 52/ 51 .5 . 8 526 507 49 • 3 111 111 48/ 47 46/ 45 44/ 43 42/ 41 •3 •3 550 39 75 73 • 0 • 3 • 3 .3 • 5 ٠Ò 72 72 464 65 • 1 .6 354 43 43 .5 • 1 . 2 • 1 (D) § 30 30 230 102 19 190 • 0 137 19 40/ 39 • 2 .0 18 18 137 173 387 37 ٠Ó • 0 189 367 35 6 6 66 •0 •0 .34/ 33 .32/ 31 .30/ 29 39 191 •0 22 250 .0 233 208 11 (28% 27 26/ 236 0 198 23 194 Element (X) 1 32 F aRel. Hum.

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY.

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DATA PRUCESSING BRANCH UŞAF ETAC AIR WEATHER SERVIÇE/HAC

USAFETAC FOR 0.26-5 (OLA)

DAVIS MONTHAN AFB ARIZONA (TUCSON) . 42-46,48-76

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE! MAC DAVIS HUNTHAN AFR ARIZONALTUCSON) 42-46.48-76 1800-2000 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 29 32 21 13 0/ -1 -2/ -3 -4/ -5 Ĺ TUTAL 3133 .6 3.3 5.710.612.313.614.414.712.0 7.4 3135 3133 3133 C C mose (C C 0.26-5 (01.4) No. Obs. USAFETAC 42.519.355 53.6 7.576 42.7 5.406 1 32 F 6820930 133020 Dry Bulb 168028 3135 Wet Built 2791672 133636

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DATA PRUCESSING BRANCH USAF ETAC

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DATA PROCESSING BRANCH USAF ETAC 4IR WEATHER SERVIÇE/MAC

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PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAL ETAC AIR WEATHER SERVICE/MAC DAVIS HUNTHAN AEB ARTZONA (TUCSON) 42-40.48-76 2100-2300 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) , Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 21 0/-1#2/ #3 #4/ #5 #6/ #7 5 -8/ -9 10/-11 .8 8.114-415.718.415.313.9 8.1 3132 3132 TUTAL 3132 3132 () OSCOLUE () ¥ ž 0 ব 0.26-5 TOLA FORM Nu 64 No. Obs. Mean No. of Hours with Temperature Element (USAFETAC ≥ 93 F Ref. Hum. 162937 52.020.047 3132 10F ≤ 32 F 9734815 47.4 7.087 39.5 5.817 Dry Bulb 93 148312 3132 7180402 Wet Bulb 93 4988224 123658 ادملل

DATA PRUCESSING BRANCH USAF ETAC 3 PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-76 FEB MONTH 0000-0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 74/ 73 .0 70/ 69 68/ 67 2 2 • 1 66/ 65 24 24 64/ 63 .2 • 1 62/ 61 41 41 60/ 59 • 0 . 3 66 66 •1 • 3 .6 .4 • 4 • 1 119 119 58/ 57 155 155 56/ 55 . 3 . 2 547 53 .6 209 209 224 51 224 . 4 52/ 51 . 2 1.0 1.1 2.0 1.1 275 77 275 16 50/ 49 .6 2.3 1.3 2.5 2.3 1.0 2.1 305 305 137 37 48/ 47 • 1 1.2 1.8 1.6 • 1 2.0 267 267 205 71 1.0 46/ 45 .0 1.1 1.0 104 265 44/ 43 1.0 1.8 2.4 227 227 Ž.0 149 189 310 90 1.2 427 215 364 108 215 39 407 1.7 1.8 1.4 1.1 1.4 • 3 C 130 139 331 38/ 37 . 8 . 1 130 1.3 1.2 • 8 • 7 . 8 • 4 . į 101 101 287 164 36/ 35 . 8 • 1 225 236 34/ 33 . 6 . 1 ó1 61 32/ 31 . 3 36 36 159 221 • 3 .4 . 3 •0 .6 .6 38 30/ 20 38 131 216 137 28/ 27 .0 • Ö 63 45 26/ 25 168 151 155 23 24/ 23 22/ 21 20/ 19 126 126 18/ 16/ 15 14/ 13 109 õ 69 0.26.5 O.26.5 65 12/ 11 10/ 9 54 47 7 FO.E. 8/ 46 Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 32 F ≤ 0 F Dry Bulb Wet Bulb Dew Point

O UŠAFETAČ

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AER ANTIONALTUCSON) 42-45-48-76 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Buib Wet Buib Dew Point 4/ 3 23 0/ -1 6 m2/_m3. -4/ -5 -6/ -7 3 2706 .6 9.5 13.0 15.4 18.4 10.6 11.5 7.1 4.2 2.4 2706 TOTAL • 2 2706 2706 ব O s

No. Obs.

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2706

2706

51.220.788

46.8 7.400

38 . 8 6 . 598

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105000

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6073077

4175346

Element (X)

Dry Bulb

Wet Bulb

Mean No. of Hours with Temperature

84

13.1

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-76

3

FOLM 0.26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

																		PAG	E 1		-0500
Temp.						WET	RIII B	TEMPER	ATHRE	DEPRE	SSION	(F)						TOTAL	T	TOTAL	
" (F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 2	24 25 - 26	27 - 28	29 - 30	× 31		Dry Bulb		Dew Point
68/ 67	 								.0	.1								3	3		
66/ 65									.0			İ			<u> </u>			1	1		
64/ 63							• 1	• 1	.2		.1			i				11	11		
62/ 61						• 1	• 2	.1	•2	.2	1	<u> </u>			<u> </u>			23			
60/ 59	1			• 0	• 1	• 2	• 3		.3	•2	.0		ļ		ļ į	į		46			
58/ 57			• i	• 2	•2	• 1	.7	.3	.3	.4		<u> </u>	<u> </u>	<u> </u>	<u> </u>			68			
56/ 55	1	• 2	• 1	•3	•5	• 4		1		.3		1	İ		1			111	111		
54/ 53		•0	• 3	• 6	8.	•7	1.1	.7	•7		-0	 	<u> </u>		├	 -	 	141	141	11	3
52/ 51		• 4	•6	1.0	. 7	1.3		.6		•0								185		29 5 6	7
50/ 49	• 1		1.3	1.0	2.4	1.8	• 7		.4			 	 		 	├	 	245			14
48/ 47	• 1	1.3	1.0	1.9	2.5	2.1	1.5		•0	•0		ì		1	1	1		299 269		175	51
46/ 45	<u>• 1</u>	101				1.6			•1	 		 	├		 -	 	 	256		212	92
44/ 43	• 1	1.1	1.6	2.5	1.9 2.0	1.4	.7	•2				1						232		271	93
42/ 41:	•0	1.2	1.4	1.6	2.2	1.2			 	 	 	-			 	 	 	218		362	
38/ 37	•0			1.8	1.3	7.7		1	1	1	İ	}	1	1	1	}	1	183		305	141
36/ 35	• 1	1.4	1.8	1.1	1.1	•6		 	 	\vdash	 	 	 		 	 		168	+	316	139
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32/ 31		.6		•4	•6			· .				 	i	_			<u> </u>	65		241	1 2701
30/ 29	• 0	.2	8 5	•6	. 1]				1	ļ	1	}	j		41		162	
28/ 27		•1	.4	•2						\Box								21	21	98	156
26/ 25		.1	. 3												<u></u>			11	11	53	
24/ 23		.0	•0						l		1		İ		İ			2	2	-	
22/ 21							<u> </u>	L				<u> </u>	<u> </u>				<u> </u>	ļ	<u> </u>	11	
20/ 19								Į .	l		ĺ	1			l	ļ					128
18/ 17							ļ	<u> </u>			ļ	 	<u> </u>		├──	 	<u> </u>		ļ		121
16/ 15									1	1		-			1	1]			121
14/ 13							 	 			├		 		 			 			86
12/ 11								ļ	1					į	}						65 51
10/ 9 8/ 7					-			 	 -	 	 	 	 		 	 	 	 	 		47
1/ 5	!								}	!	1	1	1		1	}		İ			58
4/ 3								 -			 	 	 		 	 	 	 			26
2/ 1							1		Ì	1			1			j					14
Element (X)		Σχ'			z x	<u> </u>	X	· ·	<u> </u>	No. O	bs.				Mean	No. of H	ours wil	h Tempera	ture		
Rel. Hum.						$\neg \vdash$		 			•	≰ 0	F	≤ 32 F	2 67	F :	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MONIHAN AFR ARIZONALTUCSON) 42-45,48-76

PSYCHROMETRIC SUMMARY

PAGE 2 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 0/ -1 -2/ -3 5 -4/ -5 2 3+6/_+7 TUTAL .712.015.218.019.413.410.5 4.7 3.7 1.4 2711 2711 2711 2711 Element (X) No. Obs. Mean No. of Hours with Temperature Ref. Hum. 145635 53.720.792 121019 44.6 7.482 101504 37.4 6.214 73111 27.010.678 8995069 2711 ≤ 32 F < 67 F ≥ 73 F ≥ 80 F ≥ 93 F Dry Bulb 5554013 2711 4.3 84 Wet Bulb 3905110 2711 19.1 84 Dew Point 2280663 2711 57.0 84

No. W

OUS EDITIONS OF THIS FORM ARE OBSOLETE

60 (A) (A)

USAFETAC FORM

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MONTHAN AFB ARILONA (TUCSON) 42-45,48-76 FEB 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL

temp. [BULB	LMIL	MIVAL	DEINE	331011	• /					_	JIOIAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
68/ 67		İ						Ì	.0	1								1	1		
6/ 65								.0	-1									3	3		
64/ 63								•0		i		[[1	1		
27 61							. 1	, Ų	.3		-1						<u> </u>	12	12		
50/ 59		1		•0	• 1	• 2	• 4	• 4	.3	•2								43	43		
58/ 57			• 0	• 1	• 3	• 6	• 7	• 7	.3	.4							l	88	88	i	
56/ 5 5			• 3	• 1 • 4	• 5	• 9	.6	.4	.4	•4	•1				-			103	103	1	
54/ 53		1	• 2	• 6	.6	.6	1.0	1.0	.8	-1	.0						<u> </u>	138	138	5	
52/ 51		.3	. 8	1.2	1.2	1.0	1.2	1.1	.4	.1								200	200	30	
507 49	• 0	.3	1.0	. 9	1.5	1.4	1.3	1.4	.3									222	222	49	32
48/ 47	- 1		.9	1.7	2.1	2.0	1.2	• ?	.1									259	259	101	32
46/ 45	1			2.0	2.2	1.9	1.1	. 7	.1								1	293	293		38
44/ 43	• 1	1.3	1.4	2.7		1.4								i — —				253	253	193	83
42/ 41	•0	1.1	2.0	2.4	2.0	•9												250	250		90
40/ 39	• 0	1.1		2.0	1.5													234	234	328	114
38/ 37	3		1.5	1.2	1.4	. 5			<u> </u>								<u> </u>	173	173		154
36/ 35	• 1			1.5	1.2	٠ ٤			1 .									171	171	340	
34/ 33	0.			. 8	• 7				<u> </u>									113	113	253	195
32/ 31	• 1			• 6 • 7 • 2	• 3				ļ									67	67	230	
30/ 29		.3		• 7	• 3												<u> </u>	49	49		203
28/ 27		• 1	• 4	• 2						l								19	19		167
26/ 25		<u>• }</u>	• 4														<u> </u>	15	15		190
24/ 23		• 1	• 1						[ļ							1	6	6	, , ,	
22/ 21																				16	
20/ 19										ĺ							ļ	l i		3	
18/ 17										<u> </u>							<u> </u>				119
16/ 15									İ						i				İ	, 1	118
14/ 13		ļ																			88
12/ 11										:							1		ļ		77
10/ 9		ļ. ——						L									<u> </u>				52
8/ 7		Į.							[l (39
67 5										<u> </u>							<u> </u>				61
4/ 3										1							ļ		-		23
2/ 1						نسرسا				<u></u>											8
Element (X)		Σχ,			ΣX		<u> </u>	₹		No. Ob	5.							h Temperato			
Rel. Hum,						 		ļ				= 01	<u> </u>	32 F	≥ 67	F 2	73 F	→ 80 F	> 93 F	- - 7	Total
Dry Bulb								<u> </u>	_ _				_ _			_ _			 _		
Wet Bulb									_ _				_ļ_			_		<u> </u>		_	
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FORM 0.26-5 (OLA)

DATA PROCESSING BRANCH USAP ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

																		PAG	E 2	0600 HOURS (-08
						WET	0111 0	FEUDES	ATURE	DEDDE	SSION (E\						TOTAL		TOTAL	L. \$.^T
j Temp. (F)	0	1 - 2	3 · 4	5 - 6	7 - 8							21 - 22 2	3 - 24 25	- 26 2	7 - 28 2	9 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew F
0/ -1										<u> </u>											
-2/ -3				<u> </u>	<u> </u>								_	-	.				<u> </u>	ļ	<u> </u>
-4/ -5 -6/ -7										İ											
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Element (X)		Σχ'			2 X		7	**************************************		No. 01	13	± 0 F	1 3		Mean No ≥ 67 F		73 F	h Tempera		F	Total
Dry Bulb		903 549	579 2 9 169	-	1462 1203	35	53.9 44.4	7.4	79		13	- 0 F		4.8		0	73 [- 80 F	- 73		10101
Wet Bulb		386	4981		1010	07	37.2	6.2	05		13		10	2.3							
Dew Point			7677		727	79	26 à				13			7.6							

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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USAFETAC

PSYCHROMETRIC SUMMARY

109 DAVIS MUNTHAN AFB ARIZONA(TUCSON) 42-45,48-76

STATION STATION NAME

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp.								TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
80/ 79											.1			• 1				5	5		
78/ 77										.0			•0		•0	<u> </u>	<u> </u>	4	4		
767 75									.0	.1	.1	• 1	•1	• 1	•0			18	18		
741 73								.0	• 1	.2	.2	_ • 2	• 1	•3				33	33		ļ
72/ 71	:							• 1	•0	.3	.3	۰ó	• 5		.1		1	58	58	•	
70/ 69	4					•0		<u>. 3</u>	.4	. 8	-4	.7	•4				<u> </u>	86	86	<u> </u>	
68/ 67							•1	• 3	.6	8.	.9	• 6	• 4			ļ	l	101	101	ĺ	
66/ 65						•2	• 3	٥٥	1.0	.8	1.0	. 8	-1	•0		<u> </u>		133	133	<u> </u>	
64/ 63	1				• 2	• 6		1.0	j.0			• 4	• 2					173	173		
62/ 61		-			.3	•6	8.		<u>i.5</u>		.8	. 2	_ • 1					196	196		
60/ 59				. 3	•9	1.1	1.4	1.6			1.0	• 1		[]			İ	258	258	9	
58/ 57			• 1	- 5	•6	. 8	1.6	1.8	1.4	.9	.3	• 1		 				222	222	13	
56/ 55		•0	• 4	. 3	1.1	1.5	2.1	2.0	1.2	.7						! !		253	253		
54/ 53		• 1	• 6	- 8	1.1	1.4	1.9	1.4	.7	.2							 	225	225		
52/ 51	• 0		• 7 • 5	• 8	.8	1.9		1.3	. 8	•1							1	234	234 187	171 223	10
50/ 49 48/ 47		•3		• <u>8</u>	1.4	1.0	1.1	8.	. 3	•0				 			 -	151	151	318	29 65
46/ 45		• 2	•6 •7	1.0	1.2	8	8	• 4	•1	}				1			l	122	122		81
44/ 43	•0	• 4	. 4	• 7	• 7	• 4			- • •					 	-		 	91	91	363	87
42/ 41	•0	.3	٠č	.4	.3	.6	.5 .4	i									İ	69	69		
40/ 39			- 3	. 2	•4	• 3								 			 	39	39		
38/ 37		•2 •1	• 3 • 2	•2 •ì	. 4	• 2											1	27	27	187	
36/ 35			• 1	-1	• 1		-			 -				 -				12	12	123	
34/ 33		•1 •1		• Î • Ô	• 1												ļ	8	8		
32/ 31			• 0															2	2	58	197
307 29		•0		,]]			1	l		<u></u>	1	1	32	205
28/ 27		•0																1	1	11	165
26/ 25										<u> </u>				ļ			<u> </u>			3	
24/ 23							!							i l				!!			154
22/ 21	-									<u> </u>							<u> </u>				144
20/ 19																		1 1			119
18/ 17																					111
16/ 15														1						1	99
14/ 13						. ,	<u></u>	لـــــا	L		لبـــــا										63
Element (X)		ΣX2			z x		X	₹		No. OL	25.							h Temperat			
Rel. Hum.						_ _		<u> </u>				⊴ 0	F	≤ 32 F	≥ 67	F	73 F	≥ 80 F	* 93	F	Total
Dry Bulb	_					_ _							_ _					ļ		_	
Wet Bulb	_					_ _		<u> </u>								_		ļ	-		
Dew Point								L			1				L						

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **3 PSYCHROMETRIC SUMMARY** 23109 DAVIS MONTHAN AFB ARIZONA(TUCSON) 42-45.48-76 0900-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 1 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 TOTAL 12/ 11 10/ 9 64 7 56 87 6Ï. 3 41 0/ -1 -2/-3 TOTAL .1 2.4 5.1 6.910.013.214.714.211.3 8.8 6.2 2709 2709 3.9 2.1 2709 2709 O strong C aga O g No. Obs. USAFETAC Rel. Hum. 105097 38.818.681 2769 5022289 Dry Bulb 8687715 151687 56.0 8.468 2709 84 Wet Bulb 118280 84 5255644 43.7 5.807 2709

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

FORM 0.26-5 (3L A)

PSYCHROMETRIC SUMMARY

23109 DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-76

STATION

STATION NAME

PAGE 1 1200-1400
HOURS (LL.S. T.)

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Point
88/ 87			-										•0		•0	.0	•0	4	4		
86/ 85		[• 0	•1	.0	.1	•0	8	8		
84/ 83											, U		•0	•1		•1	•1	10	10		
82/ 81		!									.1	•0	• 1	•1	. 3	•1	.3	31	31		
80/ 79		1								• 1	.1	.2	• 3		.7	• 3	•2	64	64		
78/ 17		1								-1	.4	.5	• 6		.4	•3	1	80	80		
76/ 75		,						i -	• 1	.1	.6	.9	•6		•7	•1	 	121	121		
74/ 73		+						.0	.3	.4	.6	1.2	1.4	1.0	. 4		ĺ	145	145		
72/ 71		-						. 1	•3	.9	1.2	2.3	1.7	•6	. 3			202	202		
70/ 69			. 1				- 1	.4	.6	1.2	1.7	1.5	1.0	.4				188	188		
68/ 67						• 1	•4	.6	1.1	1.2	2.2	1.5	• 7	.3				218	218		
66/ 65					•0	. 3	.5	.9	1.3	2.0		1.4	• 3	•1			1	237	237		<u> </u>
64/ 63					•2	• 5	.9	1.4	1.6	2.1	1.8	.7	• 3					257	257	2	
62/ 61		; !	:	•1	.2	. 3	. 8				.9	.2	• 1					190	191	8	
60/ 59		•0	•0	•2	•1	.7	.9		1.8	1.1	•7	•1		1				188	188	18	
58/ 57			•0	è	• 2	. 5	.9		1.5	1.1	.2)		l		176	177	59	1
56/ 55		.1		.3	.7	.4	1.2	1.1	.9	.7	.1						i	154	154	122	1
547 53			.3			1.0	. 9	. 8									1	126	126	197	
52/ 51	.0	•1		·0 ·3	.4	•6	•7	.4	•6								1	94	94	282	15
507 49	.0		, ,	. 3	.7	.6	• 5	•4	.4								ļ	90	91	408	38
48/ 47		•1	.3	.3	•2	.2	•2	.5		•0				i			1	53	53	379	
467 45		.3	.4	• 1	.3	. 1	. 2							ļi			1	35	35		50
44/ 43		.0				.1	.1			1							<u> </u>	12	12	331	70
42/ 41		.1				. 1	•i	, ,										11	11	208	108
40/ 39		•0		• 1		• 1												12	12	1.37	132
38/ 37			• 1]						3	3	80	122
36/ 35		•0																1	1	55	140
34/ 33		.0															ļ	· i	1	24	156
32/ 31			;- 														$\overline{}$			13	175
30/ 29		ļ	<u> </u>						}								İ]		3	
28/ 27		·			-												<u> </u>				177
26/ 25		,						i '			1)	'		1				202
24/ 23		-	!																		176
22/ 21] ;			-	;							163
Element (X)		Σχ²			Zχ		X	· ·		No. Ob	s.	·			Mean I	to. of H	ours wit	h Temperat	ture		
Rel. Hum.						_		!	_		-	= 0 1	F :	≤ 32 F	≥ 67	F i	73 F	≥ 80 F	. 93	F	Total
Dry Bulb						$\neg \vdash$							$\neg \vdash$			$\neg \vdash$		 	-		
Wei Bulb						$\neg \vdash$							$\neg \vdash$			$\neg \vdash$		 		_	
Dew Point									_				_			$\neg \vdash$		 	+		

DAVIS MUNIHAN AFB ARIZONA TUCSON 42-45.48-76 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 137 20/ 19 121 18/ 17 102 16/ 15 96 14/_13 102 12/ 11 61 10% 9 8/ 53 22 67_ 41 21_ 0/-1-6/ -7 2709 .1 1.0 2.0 2.0 3.4 5.6 8.311.313.412.912.41u.6 7.3 5.1 2714 TOTAL 2711 2711

PSYCHROMETRIC SUMMARY

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

No. Obs. Element (X) Mean No. of Hours with Temperature 78323 # 0 F ± 32 F 2986112 28.916.282 2710 ≥ 73 F Dry Bulb 63.8 8.948 47.0 5.402 11254806 173078 2714 14.3 Wet Bulb 6055095 2711 84 127283 74807 84

C s

DATA PROCESSING BRANCH USAF ETAC AIR HEAJHER SERVIÇE/MAC

3

PSYCHROMETRIC SUMMARY

23109 STATION	DAV	/15 P	ודאסא	IAN A	AFB A	ARIZI) AAC	TUCSI	ON)	42-	45,4	<u>8-76</u>		YÉ.	ARS	<u></u>	 -			FE	
																		PAG	E 1	1500-	
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	- 37	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89															•0			1	1	,	
88/ 87	1	I	i										•0	•0		1	• 1	6	6		
86/ 85											j	•0	• 1	Ī		.1		5			
84/ 83				i						<u></u>	.1	• 1		1	.1	.1	•2	19			
82/ 81	- ;		1									.0	• 1	•2	. 3	.3	• 6				-
807 79										.0	.1	3	.4	•4	.7	• 3	•4	72			
78/ 77	,		1						•0	-1	.2	• 5	•6	1.2	1.0	.5		112			
76/ 75									.1	• 3	.5	1.1	1.1	1.6	.8	.3		160			
74/ 73		1	İ						.4	٤.	•7	1.0		, ,	•6	[159	1 1	ſ	
72/ 71							.0	• l	.3	.6	1.4	2.4	1.7	1.0	.4			214	214	<u> </u>	
70/ 69		i					•0	•5	•7		1.9		1.2	.9				230		1	
68/ 67			+			•0	.3	•6	•6	1.3	3.4	1.4	• 8					207			
66/ 65	į		1		•0	• 12	• 7	. 8			1.7	1.4	• 3	•0	Ì			231		ار	
64/ 63	i	;	<u>i</u>		• 2	•2	• 1	1.0			2.0	1.1	•2					232		6	
62/ 61				• 1	• 2	•4	.5	1.1	1.4	1.4	1.5	•2		{	- [!	186		6	
60/ 59			•0	• 1	•1	•5	.7	1.1	1.6	1.0	8.	•0		<u> </u>				164		13	
58/ 57	Ī	• 1	• 0	• 1	• 2	•4	. 3			1.3	•3			l i	- 1			159		60	
56/ 55		•0	• 1	• 1	•2	•4	1.3		• 7	.8	.3			ļ				145		124 191	
54/ 53		• 2	• 3	• 4	•2	•6	•7	• 8	•5	.3	:			' {	i	- 1		108	108	295	, ,
52/ 51		• 2	• 2	_ <u>• 2</u>	• 1	• 4	.3	•3	•2	•0				,				49 84		439	12 30
50/ 49	0	. 2	• 2	• 5	•5	خ	.3	.7	t	•0]	İ			42		403	61
46/ 45	•0	• <u>1</u>	•1	• 4	•2	•2	• 1	.0						 				28		352	59
447 43	Į.	4	. 2		• 2	• 2	•2 •0							l i	- 1			24		330	68
42/ 41	• 1	.1	• 1	•1		• 1	•0		 				 -					12		213	87
40/ 39	• -	.1	• 4	.0			.0	•	ĺ						-	l		10	,	125	88
38/ 37	i		• 0	•••	•0	• ^	••	 		ļ			-				——	4		74	121
36/ 35	• 4	. 1	• •									i ,		i 1				2		46	150
34/ 33									 	 								<u>-</u>		21	140
32/ 31	1	i							1									1		5	159
30/ 29		-	 							 								I		2	186
28/ 27		,	1											!						1	160
26/ 25	-		•																		199
24/ 23			1											!	_			<u> </u>			187
Element (X)		Σχ'			Σχ		Ī	·,	\neg	No. Ol	1.				Meon N	o. of Ho	urs wit	h Tempera	fure		
Rel. Hum.											-	± 0	F :	: 32 F	≥ 67	FE	73 F	≥ 80 F	≥ 93	1	otal
Dry Bulb	-																	[
Wet Bulb																					
Dew Point		_						1												1	

FEB MONTH DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-76 PAGE 2 1500-1700 HOURS (L. S. T.) TOTAL TOTAL Dry Bulb Wer Buib Dew Point WET BULB TEMPERATURE DEPRESSION (F) (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 27 . 30 2 31 196 22/ 21 168 <u> 20/_19</u> 18/ 17 135 117 16/_15_ 102 14/ 13 73 12/ 11 93 ic/ 50 _8/. 27 61 4/_ 2/ 1 \mathbf{O} 0/ -1 2 2705 -2/ -3 TOTAL 2709 5.810.410.91 3.014.011.7 7.9 7.2 O C C 2706 2706 Ĩ 0 ક ઇ () 0.26.5 2 Z Element (X) No. Obs. Mean No. of Hours with Temperatura SAFETAC Rel. Hum. 27.417.145 2764 = 32 F ≥67 F | ≈ 73 F 2 80 F 2825092 74998 Dry Rulb 84 64.9 9.128 47.2 5.222 11622208 175708 2709 17.8 Wet Bulb 6097947 127677 84 2706 84 225**7**303

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

FORT 0.26-5 (OLA)

PSYCHROMETRIC SUMMARY

109 DAVIS MUNTHAN AFB ARIZONA(TUCSON) 42-45,48-76

PAGE 1 1800-2000
HOURS (L. S. T.)

lemp.						~	WET	BULB	EMPER	ATURE	DEPRE	SSION (F)							TOTAL		TOTAL	
(F)	0	1 -	2	31	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	7 - 22	23 - 24	25 - 26	27	28	2 9 - 30	× 31	U.B.∕W.B.	Dry Bulb	Wet Sulh	Dew Por
82/ 81	-		,			Ī				1	Ī ———				-0	1				1	1	i	
80/ 79						<u>,</u>				<u> </u>		0	i	.0	<u> </u>	_	.0			3	3		!
78/ 77											.0	.0	.0	•1	0,		.0	.1		10	10		!
76/ 75	,		1				1			.0	,	? }	-1	.1	3		. 3	1	! !	17	17		i
74/ 73										•1	2	.2	•2	• 3	• 5		. 2			45	45		
72/ 71						t	i t		• 2	.0	,3	.3	.4	• 6	.3		.1			50	60	1	;
70/ 69	-		•		-	:		.1	.1	.3	.6	8.	.6	. 8	• 3					100	100		,
68/ 67						1	.0	.2	. 3	.7	1.0	1.0	1.1	. 3	.0	<u> </u>				141	14).	!	<u> </u>
65/ 65						• 6		. 8	.5	1.3	1.7	1.4	1.2	•5	T	Π	_ [272	212		
64/ 63			i			• 1	.6	.6	1.0	1.5	1.8	1.0	.7	• 2	.]		1		ì	219	219		4
62/ 61		***************************************	-		• į	• 3	. 8	8.	1.7	1.9	2.0	1.3	.3	•1	Τ –	Ţ –				231	251		1
60/ 59				• (1)	. 3	. 6	.7	1.0	2.2	2.6	1.3	1.0	• 2		!	1				207	247		
58/ 57		-		.2	• 4	•5	•7	1.9	2.1	1.6	1.4	.4	• ō,		- 	!				253	253		T
56/ 55			. 1	ۇ ،	. 4	8	1.3	1.7	2.0	.9	7.7	.1	ĺ		!	1			l	243	243	44	!
54/ 53			. 2	. 3	,5	• 7	1.2	2.0	1.7	1.0	.5	•0			1	T	1			218	218		1
52/ 51			.2'	. 3	•6	• 6	1.5	1.7	1.0	.6	.1	•0			ī	Ì	Ì		l	180	្រុំ ខេត	171	
50/ 47	•	- *	c 2.	.2	. 4	.8	1.0	. 8	.8	•5	•1				1	T				130	130	234	
48/ 47			.2:	• 5	.7	.8	1.0	.6	.4)	: ô]	į		ì		ì			114	114	330	
46/ 45			· Z	. 8	• 6	.5	1 .6	•2	•3	• 1	:						_			90	90	420	73
447 43		• 0"	.4	. 4	• 3	.3	.3	.3	.0	.0	!		1		1		i			56	56	387	
42/ 41	-	• 1	.41	• 3	• 3	. 2	.2	•1	, G		- -				T	T				41	41	390	81
407 39			. 3	• 2	• 1	. 2	· i	, i	!	į	!	i i	į		!		-			27			
38/ 37	-	• 2!	. 1		•0	.1	•0		-		T				1	T				15	15	168	144
36/ 35	1		. 1.	. 1	• 1	l	ĺ		ļ	<u> </u>	ļ		ı		į	Ì				ខ	8	97	133
34/ 33	•		.1:	.0	.0		ļ		<u> </u>	1	1									5	5	41	197
32/ 31			1	;		Í	l		ļ	į	ĺ		!		1	ļ	į					35	185
30/ 29								1							1	T				1		16	18:
28/ 27						i 	l	l	ĺ												_	3	1.8
26/ 25	•		•			[-	Γ~-	<u> </u>	[1		Ţ		!	П						i	19:
24/ 23			}			1		!]		1		Ì		i i						1		17
22/ 21	• -			******]	!		T				Ţ 	1				!		T	15
20/ 19						<u>i</u>		ĺ			1				i		أ			<u> </u>		!	11
18/ 17	• -	•		-		1	-	Γ			i				,	1	-					1	13
16/ 15			1						į	ì					f					1	1		109
Element (X)	 -	ΣX	, -			ZX		¥	· *x		No. O	· ·				M	eon l	le, of H	ours wit	h Tempera	ture		
Rel. Hum.												•	= 01		: 32 F	I	z 67	F	73 F	- 80 F	• 93	F	Total
Ory Bulb			_																			1	
Wet Bull	• :															L					 ا		
Dew Point	:															1		1		Ţ			

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AFD ARIZONALTUCOON) 42-45.48-76 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 14/ 13 12/_11 10/ -8/_ 7 61 4/_ 27 0/_=1 -2/ -3 -4/ -5 .3 2.5 3.9 4.9 6.410.212.815.313.111.8 8.4 4.8 3.5 1.4 2706 TUTAL 2706 2706 REVISED PREVIOUS ৰ õ Mean No of Hours with Temperature Element (X) No. Obs.

1800-2000 HOURS (L. S. T.) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 31 3 3 | D.B./M.B. Dry Bulb | Wer Bulb | Dew Point 67 6.8_ 83 38 41 15 10 2706 Rel. Hum. 1 32 F 2766 96429 35.619.001 4412919 84 Dry Bulb 57.9 8.054 9258637 156777 2706 44.4 5.293 27.711.000 84 84 Wet Bulb 2706 5403514 120070 2706 2408260

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

FEB DAVIS MONTHAN AFB ARIZONA(TUCSON) 42-45,48-76 2100-2300 HOURS (L. S. T.) PAGE 1

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71									•0		. 1	0						4	4		
70/ 69										. 1	1		• 1	-1			J.,	8	ઇ		
68/ 67							.0	•1	•1	•0	.0	• 1						11	11		
66/ 55							.2	•0	.3	. 2	. 4	• 2	• 1	İ	İ			37	37		
64/ 63						• 3	. 3	.4	.5	.4	.7	• 1	• 1					76	76		
62/ 61		.]		• 0	. 3	.4	.5	.7	. 5	.8	.7		• 0]			111	111		İ
60/ 59				. 2	.7	. 8	1.0	1.0	1.1	1.0	. 4	• 1						173	173		
58/ 57			• 2	. 3	. B	. ខ	1.7	1.1	1.1	1.1	. 2	•0		<u></u>	<u> </u>			198	198		İ
56/ 55		. 2	. 4	1.1	.7	1.3	1.8	2.1	1.4	.0	.2							268	268	6	1
547 53		.4	• લે	1.0	1.1	2.5	2.2	1.8	.9	, 3				<u> </u>		İ		300	300	48	3
52/ 51		• 2	• 6	• B	1.7	2.4	2.1	Ü	. 8	.2]				267	267	92	11
50/ 49		.4	. 9	1.0	2.1	2.2	2.0	1.6	.4							<u></u>		290	290	150	
48/ 47		. 4	. 8	1.4	1.8	1.0	1.2	• 8	.3					1				226	226	183	
46/ 45		.4	• 9	1.2	1.7	1.8	1.1	.7	• 1									216	216	256	
44/ 43	• 1	.5	. 8	1.2 1.2	1.1	1.0	. 8	. 3	• 0									150	150	355	
42/ 41	• 1		1.3		.8	.7	.7			<u> </u>								145	143	387	
40/ 39		.7	• 8	• 5	٠ñ	• 4	.3	• 1						1	1	1		98	98	372	
38/ 37	_ •0		.5	.5 .2 .3	• 3	.4	0.1								<u> </u>			60	60	286	
36/ 35	• 1		. 3	• 2	• 3	•0								ļ	į .	1		31	31	228	
34/ 33		• 3		6.3	-1	•0	ļ								<u> </u>	<u> </u>		24	24	146	
32/ 31		•0			• 1				ĺ					ľ				10	10		
30/ 29		ļi	• 1											ļ	<u> </u>			3	3	44	
28/ 27									l						i	-	l			38	
26/ 25								ļ	 					ļ	<u> </u>	ļ	_			11	
24/ 23							İ							1		!				1	
22/ 21							├			<u> </u>				<u> </u>	ļ	ļ	 -	ļ			153
20/ 19							l										1				120
18/ 17		·					<u> </u>							<u> </u>	↓			ļ			121
16/ 15						ļ	ļ	Ì		,				ļ	ļ	,	1				96
14/ 13					ļ		 							ļ	ļ	<u> </u>					75
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10/ 9			!	<u> </u>			 	 -		! -				ļ	ļ <u> </u>	<u> </u>	-	ļ			75
8/ 7		1		!										1			- [54
6/ 5						<u> </u>	<u> </u>		ــــــــــــــــــــــــــــــــــــــ					<u> </u>	<u> </u>	ــــــــــــــــــــــــــــــــــــــ		<u></u>	ii		33
Element (X)		Σχ,			Σχ		<u> </u>	<u>"</u> *	_ _	No. OL	3.				٠,			h Tempera			
Rel. Hum.				ļ									F	≤ 32 F	≥ 6	<u>-</u>	≥ 73 F	≥ 80 F	2 93 1	-	Total
Dry Bulb									_ _				-		ļ	-		 	_		
Wet Bulb									_							_		ļ	_		
Dew Point						!		L	l				i_		1			L			

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MUNIMAN AFB ARIZUNA (TUCSON) 42-45,48-76

FEB MONTH

PAGE 2

HOURS (L. S. T.)

Temp.							BULB 1											TOTAL		TOTAL	
(F)	ง	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 2	6 27 - 1	28 29 -	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
4/ 3	į						!			}							1	İ			22
2/_1	i					<u> </u>				ļ								ļ			1,
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2/ -3					<u> </u>	<u> </u>				<u> </u>				<u> </u>						! !	
4/ -5	Ì	1					1		1												1 1
6/ -7					i			<u> </u>	<u> </u>	<u> </u>				<u> </u>							
TAL	- 4	5.0	8.8	10.4	14.6	16.7	16.0	11.9	7.8	4.7	2.8	• 6	• 3		ı				2706	1	270
1			3	-				7 -	, -									2706		2706	<u> </u>
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lement (X)		Σχ²			ZX	-	₹	· ,		No. O	·s.				Med	n No. o	Hours wi	th Tempera	ture		
el. Hum.			7450	+	1221	50	45.1			27	66	≤ 0	F	≤ 32 F	2	67 F	≥ 73 F	≥ 80 F	× 93	F	Total
ry Bulb			2841		1379	31	51.0	7.3	5Ô		06		i-		4	• 7		<u> </u>	_		8
et Bulb		466	0355		1112		41.1				06			6.				1			8
ew Point		- Z.V.V.	9662	 	758	L	28.0				06		•6	52				-			8

1 DATA PRUCESSING BRANCH 3 USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 (F) •0 74/ 73 6 • 2 72/ 31 1 70/ 69 •1 7 68/ 67 .0 15 36 36 66/ 65 • 1 • 1 • 1 •0 4 70 647 63 70 ,3 .3 ٠Ĩ 100 100 1.1 1.2 62/ 61 161 60/ 59 • B 161 587 57 216 216 1 302 302 567 55 • 6 35 1.2 2.2 2.5 309 310 54/ 53 2.0 . 8 1.2 • 1 اق 59 327 51 1.7 324 324 1.9 325 325 100 50/ 49 1.0 1.3 2.2 2.4 1.3 . 3 1.6 487 47 188 2.0 250 250 Ossoure 332 46/ 45 220 45 220 1.0 ٠Ÿ 192 443 42/ 41 151 494 1.0 • 2 • 2 :1 O 445 1.34 161 134 •0 38/ 37 • 5 75 296 188 38 38 234 222 0 143 34/333 22 22 208 ٠Ŏ 113 204 202 38 ij. ٠O 187 23 8 220 26/ 24/ 22/ 209 186 20/ 123 119 129 94 10/ 52 Element (X) Rel. Homi. 10F ≤ 32 F (Diy) Bulb

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARTICINALTUCSON) 42-45.48-75 0000-0200 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Foint 15 4/_ (21 1 0/ -1 -4/ -5 -8/ -9 TOTAL .4 6.3 9.810.613.415.616.411.8 9.1 4.1 1.4 • 3 2968 2967 C 2967 C (0 0 ð O q 0.26.5 0 FORM JUL 04 Element (X) SAFETAC Mean No. of Hours with Temperature Rel. Hum. 7554953 136637 46.120.632 2967 ± 0 F ≤ 32 F Dry Bulb 7759987 50.6 7.217 150243 2968 Wet Bulb 5066019 121607 41.0 5.251 2967 6.0 93 Dew Point 2672908 2967 58.5 93

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MUNTHAN AFB ARIZONA(TUCSON) 42-45,48-75

MAR

PAGE 1

0300-0500 HOURS (L. S. T.)

Temp		 -							ATURE						r —			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8_	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22		25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
6/ 75			1					i				ļ	• 0	Į į			l	1 1	1		ļ
2/71		·										.0					<u> </u>	1	1		
0/ 69										.0	.1	.0		ļ ,				4	4		
8/ 67												.0					<u></u>	3	3		
6/ 65		'				•0		•0			.0	• 1			'			7	7		
4/ 63		·			•1	• 1	• l	.2	• 1	.1	. 1			<u> </u>			<u> </u>	24	24		
2/ 61				.0	• 1		• 1	. 2	.4	.6	. 2	•1						51	51		
0/ 59			• 0	.2	• 1	. i	•3	.0	• 6	. 8	. 1							85	85		
8/ 57		. 0	• 2	.2	.4	ڙ .	.0	1.4	1.1	. 4	•0	i						147	147	-	
6/ 55		• 1	ے ہ	.4		.6	1.6	1.0	1.0	.1							ļ	194	194	10	
4/ 53		• 1	• 4	.4		1.4	2.1	2.0	• 7	• 1								251	251	20	
2/51	l	.4	.4	1.2	1.9	2.2	2.7	1.4	.4								İ	313	313	33	1
0/ 49		. 4	.9	1.6	2.0	2.9	2.9	1.3	. 4								1	363	363	66	2
8/ 47		.4	1.7	1.6		2.2	2.4	5	• 1								<u> </u>	338	338	102	2
6/ 45		.6	1.7	1.7	1.9	1.0	1.2	. 0	_	_			=:					272	272	219	4
4/ 43	• 0	.6	1.9	1.5	1.3	1.7	•9	. 2										240	240	382	
2/ 41	1	1.5	1.2		1.5	•9	• 2											193	193	445	10
0/ 39	• 2		1.2	1.1	1.4	.6	•1				_						<u> </u>	189	189	492	13
8/ 37	2	•9	• 8	• 8		.4	•0			_								121	121	402	21
6/ 35	• 1	•6	. 7	• 8	• 14	• 1	•1										1	82	82	266	20
4/ 33	• 1		.4	.4		•1												48	48	224	22
2/ 31	• 0		• 1	_ <u>• 1</u>	• 2									L			<u> </u>	23	23	149	21
0/ 29	•0		• 1	•0														6	6	88	22
8/ 27		ļ		• 1.	-1													5	5	34	21
6/ 25		1		• 1														3	3	22	20
4/ 23		ļ															<u> </u>	ļ		2	18
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ement (X)		Σχ'			z x		X	• <u>*</u> x		No. Ob	s.				,			h Temperat			
I. Hum.									_			± 0 F	:	32 F	≥ 67	F '	73 F	≥ 80 F	≥ 93 1	F	Total
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ew Point			1			- 1			1				- 1			1 -			1	1	

USAFETAC FORM 0.26-5 (OL.A)

3

FORM 0.26-5 (OLA)

SAFETAC

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MONIHAN AFR ARIZONA (TUCSON) 42-45.48-75
STATION NAME

WONTH

PAGE 2 0300-0500

Temp.										DEPRE					 _			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	
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2/ 1			1																		
0/1																					1
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lement (X)		Σχ'			z x		X	₹,		No. Ob	s. T			لـــــا	Mean N	la, of H	ours wit	h Tempera	ture	L	J
Rel. Hum.			4990		1457	4.	49.5			29		± 0	F	≤ 32 F	≥ 67		73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb		024	477U		1421	24	47.3 47.9	ZU.Ö	70				-								9
Wet Bulb		072	7976		1421	12	aită	0.4	(8)	<u>29</u>				1.2	<u> </u>	•3	0				
			8965		1169		39 <u>.</u> ŝ			29			- -	9.5				 			9
Dew Point		<u> 258</u>	6335	Ļ	825	03	27. š	9.8	91	29	64		سا2ه	50.3				بيندين			9

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

PAGE 1

0600-0800

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WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 80/ 79 74/ 73 72/ 71 1 •0 70/ 69 .0 68/ 67 • 2 .0 .0 25 25 66/ 65 64/ 63 .0 .0 . 2 . 5 • 4 • 1 86 86 62/ 61 142 60/ 59 1.2 1.5 . 8 142 58/ 57 1.7 186 186 . 0 56/ 55 .5 194 194 .0 1.8 . 3 1.1 1.6 . 8 • 1 1.8 250 250 1.8 54/ 53 22 1.6 52/ 51 2.1 . 4 .0 299 299 39 8 50/ 49 297 297 95 16 48/ 47 1.8 2.1 2.0 2.0 311 311 143 40 46/ 45 44/ 43 1.8 259 259 41 1.8 1.0 .8 2.2 1.2 411 40 223 223 1.2 1.2 • 8 .9 1.1 197 197 90 42/ 41 1.4 1.5 1.3 • 3 428 39 .1 1.0 1.1 •7 . 1 154 154 458 163 40/ 1.0 1.1 129 38/ 37 1.1 • 8 130 346 187 36/ 35 67 67 265 206 . 6 . 5 • 1 39 39 190 34/ 33 .4 240 32/ 31 ٠, .3 . 2 .0 28 28 142 265 30/ 29 .0 86 231 191 30 28/ 27 .0 .0 .0 .0 26/ 25 17 198 247 23 173 22/ 21 20/ 19 18/ 17 139 144 107 16/ 15 14/ 13 80 12/ 11 59 Mean No. of Hours with Temperature Rel. Hum. 267 F 273 F 280 F 293 F Dry Bulb Dew Point

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DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFR ARTZONA (TUCSON) 0600~0800 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 32 8/ 61. 14 4/ 3 0/ -1 -4/ -5 -6/ -7 2967 TOTAL ... 2967 2967 REVISED PREVIOUS EDITIONS OF ð C₁ ಠ 0.26.5 Element (X) No. Obs. Meen No. of Hours with Temperature SAFETAC 48.420.479 48.9 7.588 ± 32 F ≥80 F ≥ 93 F 2967 8187857 143537 Dry Bulb 7273908 145220 2969 40.0 5.472 2967 Wet Bulb 4836186 118682 9.0

DATA PROCESSING BRANCH UŞAF ETAC AİR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MUNIMAN AFB ARIZONA (TUCSON) 42-45,48-75

STATION STATION NAME

PAGE 1 C900-1100 THOURS (C. S. T.)

Temp.	_			_		WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL		1
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	D.B./W.B.	Dry Bulb	We: Buib	Dew Point	
86/ 85														ì	.0	.1	-1	5	. 5			İ
84/ 83										<u></u> _					1	.1	•0	8	8		<u> </u>	
82/81										1	.1		• 0	•1	.3	.1		15	15			1
86/ 79										.0	, U		• 1	1 . 4	.5	<u> </u>	.0	34	34		L	
78/ 77										.0	Ì	• 1	• 5	8.	5.	.0	1	50	50		ĺ	
76/ 75	4									.0		. 8	• 8		•1	.0	<u> </u>	86	86			ı,
74/ 73								• 1	+1	.2	.8	1.2		.4	•0			122	122			⊅ U.S
72/ 71			i						. 3	.6	1.1	1.9			.0		<u> </u>	100	160			ď
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68/ 67						•1	.3	.6	1.0	1.7	2.1	1.4	• 4	•0		ļ		224	224		ļ	É
66/ 65	1				• 1	•2	•2	1.0	1.4	2.0		•9	• 1	1	I		ĺ	245	245	_	(Ž
64/ 63				•0	•1	•2	.8	1.5	2.0	2.4	1.4	.4	• 1	<u> </u>		<u> </u>	<u> </u>	264	265	1		Į
62/ 61	}		•0	• l	• 1	•6	•9	1.8	1.8	2.0	.7	• 2				<u> </u>		242	242	3	1	;
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Element (X)		ΣK,			z x		<u>x</u>	₹,		No. Ol	·							h Temperat		- 1 -	T	ł
Rel. Hum.				<u> </u>				ļ				1 0		s 32 F	≥ 67	F '	73 F	≥ 80 F	93 !	<u> </u>	Total	Į
Dry Bulb						-		<u> </u>							 			 	-			1
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Dew Point						1		1			i	_			l			1	_i			1

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MINTHAN AFR APIZONALTUCSON) 42-45,48-75

PAGE 2

0900-1100 HOURS (L. S. T.)

Temp.		-					BULB							,				TOTAL		TOTAL	
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16/_15					<u> </u>		<u></u>		<u> </u>	<u> </u>											9
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Dry Bulb		1146			1824		61.5			29			_	1	28.		10.0				9
Wet Bulb			6763		1376		46.4				65_			7					4		9
Dew Point			9102 7302		866		29.2				65		-4	56.0	 						9

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\$ 3 DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MONIHAN AFB ARIZONA (TUCSUN) MAR 1200-1400 HGJRS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Poin 92/ 91 •0 901 89 88/ 87 20 20 • 5 42 86/ 85 42 ٥. 84/ 83 71 71 .0 • Oi 1.2 129 82/ 81 129 •0 80/ 79 167 • l . 1 • 3 1.1 1.5 2.1 • 2 167 78/ 77 185 248 • 5 76/ 75 1.9 248 74/ 73 72/ 71 241 236 236 • 1 2.1 2.6 70/ 69 1.3 241 241 68/ 67 211 211 . 3 661 65 195 1.0 179 179 64/ 63 .0 • 3 • 2 1.3 1.3 • 4 • 1 .0 .9 161 161 3 62/ 61 .6 129 60/ 59 1.0 .6 129 24 .0 .0 .4 • 5 57 <u>.</u>8 87 587 30 130 55 .3 30 231 567 . 8 .5 80 • 1 **.** 6 69 384 54/ 53 69 52/ 51 . 1 .4 •3 66 487 507 49 514 57 23 57 .0 48/ 47 . 5 . 3 . 2 .0 •0 35 35 372 31 23 321 42 467 45 •0 19 19 232 55 441 43 . 2 .0 42/ 41 6 138 .0 • 9 3 92 407 39 .0 3 131 .0 38% 37 .0 5 41 164 € 8 367 35 14 201 • 1 34% 33 216 C. 0.265 327 31 209 301 29 234 28/ 27 206 237 26/ Element (X) No. Obs. Mean No. of Hours with Temporature Rel. Hum. : 32 F > 93 F ≥ 73 F ≥ 30 F Total

Dry Bulb Wer Bulb Dew Point DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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TOTAL

PSYCHROMETRIC SUMMARY

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1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Balb Wet Bulb Dew Poin 227 24/ 23 192 22/-21-167 20/ 19, 147 1.8/--1.7-115 16/ 15 7.1 14/-13 51 12/ 11 34 10/- 9. 31 8/ ..61_ 3 41 21-1 0/-1-2/-3 2 -4/ -5 -6/ -7 -8/ ~9 -10/-11

4.5 7.5 9.5 9.8 11.1 2.4 13.2 9.0 6.6 3.9

DAVIS MONTHAN AFR ARJZONA(TUCSON) 42-45.40-75

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õ 0.26.5 10. 04. Mean No. of Hours with Temperature Element (X) USAFETAC ≤ 32 F 267 F | 273 F | 280 F | 293 F 10F Rel. Hum. 2964 75540 25.515.908 2675048 Dry Bulb 2964 10.8 14139417 202673 68.4 9.738 93 Wet Bulb 2964 7197348 145332 49.0 4.908 Dew Point 2601729 82827 2904

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DATA PROCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** USAF ETAC ATR WEATHER SERVICE/HAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 MAR 1500-1700 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. D.8./W.B. Dry (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Eulb Wer Bulb Dew Poir 92/ 91 11 <u>90/ 89</u> 0 88/ 87 86/ 85 .0 • 8 29 30 56 1.5 • 9 105 105 84/ 83 0 169 169 . 8 827 81 2.2 174 174 80/ 79 2.7 1.6 ٠i <u>233</u> 78% 77 0 230 1.1 229 76/ 75 2.6 747 73 248 248 .3 251 251 727 71 :707 69 203 203 .3 199 199 68/ 67 -11 1,8 .0 1.0 •6 172 172 66/ 65 64/ 63 62/ 61 1.0 181 181 .1 1.1 . 8 168 16 153 60/ 59 •0 1.3 153 <u>58/ 57</u> . 5 83 83 85 • 7 81 31 225 36/ 55 .3 •2 .5 · i • 1; 82 393 581 52/ 51: •3 5C 50 507 49 25 510 • Ő: 376 38 38 26 48/ 47 294 . 3 34 467 45 20 50 17 44/ • 2 .0 205 <u>5 i</u> 43 • 3 89 134 40/ 39 6 .0 • 1 6 128 135 <u> 387</u> 12 177 36/ 35 34/ 33 32/ 31 <u> 171</u> 228 32/ 230 252 287 27 <u> 267</u> Keen No. of Hours with Temperature Element (X) Dry Bulb Wet Bulb Dew Point

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FORM 0.26-5 (OLA)

DA A PROCESSING BRANCH USAF ETAC A'R WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS HUNTHAN AEB ARIZUNA (TUCSON) 42-45-48-75
STATION STATION NAME

DAGE 3 1500-1705

PAGE 2 1500-1700

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 24	27 - 28	29 - 30	231	D.8./W.8.	Dry Bulb	Wet Bulb	Dew Poi
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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC C DAVIS MUNIHAN AFB / TONALTUCSON) 42-45,48-75 1800-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B. W.B. Dry Bulb Wet Bulb Dew Point ≥ 31 90/ 89 •0 1 86/ 85 •3 •5 20 21 • 0 84/ 83 • 2 33 33 82/ 81 •3 79 •5 1.0 61 61 80/ 78/ 77 57 57 115 •5 •9 115 76/ 75 1.1 1.6 74/ 73 142 142 1.8 189 189 .6 243 267 243 70/ 69 267 . 8 68/ 67 • 0 2.2 2.7 1.8 • 8 • i 266 66/ 65 266 64/ 63 62/ 61 1.9 • 3 1.6 252 252 . 5 1.1 2.2 • 1 • 2 232 232 . 5 1.6 . 8 (216 216 60/ 59 • 0 • 3 .6 1.0 1.9 1.0 • 0 189 189 18 58/ 57 ٠ž .3 . 8 1.3 . 2 .0 • 1 1.2 • 7 1.2 56/ 55 • 5 •0 158 158 67 • 2 1.0 1.0 . 8 132 132 176 53 352 112 52/ 51 .6 .6 • 2 112 73 521 18 50/ 49 73 • 3 .6 48/ 47 • 5 • 2 66 66 521 32 . 5 •4 • 2 . 2 • 2 59 59 454 38 46/ 45 35 289 62 44/ 43 • 0 35 96 42/ 41 40/ 39 24 241 162 147 • 0 • 2 ٠į 93 161 38/ 37 36/ 35 34/ 33 36 192 198 ব 16 219 õ 32/ 31 30/ 29 28/ 27 189 253 26/ 25 204 24/ 23 209 USAFETAC Dry Bulb Wet Bulb Dew Point

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MUNIHAN AFR ARIZONA (TUCSON) 42-45.48-75 YEARS MONTH

PAGE 2 1800-2000

,	Temp.					_					DEPRE								TOTAL		TOTAL		. 1
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	20/ 19																					156	
•	18/ 17										ļ				<u> </u>							153	
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DATA PROCESSING BRANCH LSAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-75 HAR

2100-2300 HOURS (L. S. T.) PAGE 1

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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72/ 71											.1	.4	• 4	<u></u>			<u> </u>	28	28	<u> </u>	İ
70/ 69		İ						• 1		.4	.4	• 9	• 5	• 1	ĺ	1	1	71	71		1
68/ 67		<u></u>					.1	. 1	.2	,9	.6	. 8	.4				<u> </u>	92	92		
66/ 65		1	,				• 2	.4	. 8		1.5	.6	• 0		Ì			143	143	ļ	
64/ 63		i 			• 0	• 3	.4	.9	1.4		1.8	.4		<u> </u>		<u></u>		221	221		
62/61		i		• 1	• 2	• 3	. 5	1.5		2.2	.5	• 2				l	į.	231	231		
60/ 59		<u> </u>	. 1	• 2	.5	.8	1.9	2.5		1.6	_ ,7			<u> </u>			<u> </u>	327	327		
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56/ 55		• 1	• 2	. 5	1.2	1.2	2.3	2.0	1.4	.7	.0			<u> </u>	<u> </u>			287	287		
54/ 53.		; •2	5.	.6	1.0	1.3	2.1	1.8	1.2	• 2				i	ļ			267	267		3
52/ 51		• 1	• 4	• 9	1.3	1.2	1.3	•9	.6	•2				<u> </u>	<u> </u>			208	208		16
50/ 49		. 2	1.0		1.3	1.1	1.6	1 • ļ	• 2	l	1			1		i	Ì	231	231		
48/ 47		• 3	1.1	•9	• 8	• 9	.7	•4	•1	<u> </u>	<u> </u>	<u> </u>		<u> </u>				156	156		
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44/ 43		. 7	• 8	•7	• 5	• 3	4	• 1		 				<u> </u>		<u> </u>	ļ	103	103	486	
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Rel. Hum.		Σχ'		<u> </u>	ZX		X	- FA		No. 01	, 		-	- 20 E						<u> </u>	Total
Dry Bulb								 				± 0	-	≾ 32 F	2 67	-	≥ 73 F	≥ 80 F	2 93	-	10101
Wet Bulb				 											 			 			
Dew Point															├			 -		-	·
DEM LOIUL !				L				<u> </u>							<u> </u>	سلب					

USAFETAC FOUR 0.26.5 (OL A)

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNTHAN AFR ARIZONALTUCSON) 42-45.48-75 PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 10/ 9 56 _8/_ 37 ĩ 21 6/ 15 41 11 2/ 1 1 0/_-1 -2/ -3 -4/-5 \$ -6/ -7 2962 1 3.6 5.9 6.8 9.010.014.514.813.410.6 6.0 2962 2962 £. EXHONS OF THIS 0.26-5 (OLA) Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 2982 ± 0 F ± 32 F 115772 39.119.800 5685824 Dry Bulb 9371503 165071 55.7 7.625 2962 2962 93 93 Wet Bulb 128857 43.5 4.877 5676151 Dew Point 83786 59.4 2679610 2962

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24.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-75

STATION

STATION NAME

APR

MONTH

PAGE 1 0000-0200

	Temp						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL		İ
	(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	ľ
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(62/ 61	ì			2	• 2	.5	.7	1.4	2.3	2.9	.6	.4]				260	260			
,	60/ 59				. 3	•2	•5	1.2	2.7	3.8	1.9	.8	•1						330	330	1		8
	58/ 57		• 1	• 3	• 2	. 3	1.4	1.5	2.5	2.8	1.6	. 6							327	327	9		GOVERNMENT
,	56/ 55			. 3	• 1	• 6	1.5		2.9	1.7	1.1	• 2							305	305	22	2 3	Ž
'	54/ 53		• 1	. 3	. 3	د.	.9	2.2	2.2	1.6	• 5		L						247	247	81	3	È
	52/ 51			• 1	· i	1.0	1.1	1.7	1.6	•7	•2				Ī				191	191	126	21] =
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UŠĀFETAC	Element (X) Rel. Hum.		Σχ'			Σχ		<u>x</u>	- ₹		No. 91	;:	± 0 1	- 1	1 32 F	Meon I ≥ 67		73 F	≥ 80 F	≥ 93 I		Total	1
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্রের	Dew Point	_		··	 						- -	-				 -			 	_			1
	Sew Foldi										.			_		ونجوا	نبيا	Tent - T.	10000		-	-	سا

DAVIS MUNIHAN AFR ARIZONA (TUCSON) 42-45.48-75 PAGE 2 U000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./h.S. Dry Bulb Wet Bulb Dew Point 87 7 37 19 6/_ 5 41 3 17 2/ 12 0/ -1 -2/ -3 TÛTAL .1 2.1 3.4 3.4 5.2 9.213.317.317.614.1 8.3 4.7 2865 2865 2865 2865 ((**EXTINUS OF** C PETYOUS () S 0.26-5

PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature 1 32 F ≥ 67 F ≥ 73 F 90 9.1 90 20

2865 2865 2865

No. Obs.

2865

10F

34.117.271

57.6 6.963

43.9 4.812 26.910.103

Element (X)

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9640796

5598720

97718

164994

125898

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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O

J. J. SAFETAČ UŠAFETAČ

FORM

Rel. Hum.

Dry Bulb

Wet Bulb

3

DATA PROCESSING BRANCH UŞAF ETAC AİR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

APR

PAGE 1

0300-0500 HOURS (L. S. T.)

Temp.							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Par
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72/ 71											• 1	•0	•0					4	4	,	
70/ 69]	}	1	1					.2		.2	-1		ļ]	16	16	<u> </u>	
68/ 67			1					• 1	•0	.5	.7	• 2	• 1					47	47		!
667 65	:	'		i	• 0	.0	.2	• 2	.5	. 8	1.1	.4	•0	_				97	97	!	
64/ 63			i	•0	• ì	• 2	.5	.7	1.4	1.5	1.1	• 2			i [165	165	[l
62/ 61				• 1	•1	.4	.7	1.3	1.8	2.0	.3	•0		<u> </u>				194	194		
60/ 59		i.	• 0	• 1	• 2	. 4	• 9	2.3		1.1	.4	• 1		1				234	234		
58/ 57	_ 4		• 1	.3	• 4	1.1	1.7	2.8	2.9	. 3	.3							286	286	4	
56/ 55		• 2	• 2	. 5	• 9	1.0	2.4	3.2	1.0	.8	.0			!				318	318		
54/ 53	'	• 1	• 2	. 3	. 8	1.9	3.6	2.3	1.5	.7	•0							326	326		
52/ 51	!	• 2	• 2	• 6	1.2	2.4	3.2	1.7	.9	• 4	l						1	312	312	67	
50/ 49	!	• 1	.6	8.	1.1	2.1	2.2	1.3	.6	•0	 			<u> </u>				253	253	145	
487 47	į	. 3	• 5	1.0	. 8	1.3		• 9	.4		ļ	[1			207	207	266	3
46/ 45		• 1	د.	•7	1.3	1.0	•8	• 0						 				159	159		3
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42/ 41		.7	• 6		• 5	• 3	•1	•0						ļ	!			76	76		
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30/ 29		!									ļ			ļ				<u> </u>			
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10/ 9	ļ.	; !	1															İ			6
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Rel. Hum.						_			$\neg \neg$		-	101	F :	± 32 F	≥ 67		73 F	≥ 80 F	93	F	Total
Dry Bulb						_					$\neg \neg$					_		T			
Wet Bulb						_			\neg						<u> </u>	$\neg \neg$					
Dew Point																		·			

(3) Hansto merous (3) (C) (Q) (A):

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

PSYCHROMETRIC SUMMARY

90

0300-0500 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Poin TOTAL WET BULB TEMPERATURE DEPRESSION (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 8/ 24 -6/_ 5_ 41 11 12 2/ 1 0/ -1 -2/ -3. -4/ -5 2862 .2 2.6: 4.3: 5.4 8.7:3.718.817.514.7 2862 TUTAL 2862 2862 No. Obs. Mean No. of Hours with Temperature Element (X) 38.217.667 54.0 6.800 42.2 4.900 5074188 8486760 267 F | 273 F | 280 F | 293 F Rel. Hum. 109392 2062 Dry Bulb 154630 2862 Wet Bulb 90 5158342 120692 2862

EVINED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

108M 0.26-5 (OL A)

JSAFETAC FORM OF

Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp. (F) 0 1-2 3-4 5-6 7-8 9-10 11 12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W 82 / 81	.B. Dry Bulb 3 3 3 3 3 3 8 18 23 23 34 34 55 55	3
(F) 0 1.2 3.4 5.6 7.8 9.10 11 12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W 32 / 81 30 / 79 76 / 75 76 / 75 77 / 70	.B. Dry Bulb 3 3 3 3 3 3 8 18 23 23 34 34 55 55	b Wet Bulb Dew
2	3 3 3 3 8 18 23 23 34 34 55 55	3
0/ 79 0 0 1 8/ 77 0 1 3 1 0 6/ 75 0 1 3 2 1 4/ 73 1 2 5 3 1 2/ 71 0 2 1 5 6 4 1 0/ 69 1 3 1 0 1 5 8 2 1 8/ 67 2 4 8 1 0 1 4 5 2 0 6/ 65 2 3 7 1 3 1 6 1 9 4 2 4/ 63 1 3 4 1 3 2 5 2 0 1 4 4 1 2/ 61 0 2 5 8 1 5 1 9 1 7 6 1	3 3 18 18 23 23 34 34 55 55	3
8/ 77 0 1 3 1 0 1 2 1 0 1 2 2 1 2 2 1 2 2 1 2 2 1 3 1 2 2 2 1 3 1 2 2 2 1 3 1 2 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 3 1 <td>8 18 23 23 34 34 55 55</td> <td>3</td>	8 18 23 23 34 34 55 55	3
6/ 75 4/ 73 2/ 71 0/ 69 8/ 67 6/ 65 4/ 63 2/ 61 0/ 69 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 23 34 34 55 55	3
4/ 73 .0 .2 .1 .2 .5 .3 .1 .2 2/ 71 .0 .2 .1 .5 .6 .4 .1 .5 6/ 69 .1 .3 1.0 1.5 .8 .2 .1 .1 8/ 67 .2 .4 .8 1.0 1.4 .5 .2 .0 .1 6/ 65 .2 .3 .7 1.3 1.6 1.9 .4 .2 .2 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .2 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .4 .1 .2 .4 .1	34 35 55	
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3/ 47		
5/ 45 •1 •3 •7 •0 1•1 •6 •3 •1		
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6/ 15		
ement (X) ZX ² ZX X «R No. Obs. Mean No. of Hours with Temp	erature	
1. Hum. 10F 132F 267F 273F 280	F = 93	F Total
y Bulb		
i Bulb		
w Paint		

AC 104 0.26-5 (0).

₹ 3

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

23109 DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45.48-75

PSYCHROMETRIC SUMMARY

0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TCTAL TOTAL 1 - 2 3 - 4 5 6 7 - 8 9 - 10 1; - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B./W.B. Dry Bulb Wet Bulb Dew Point 14/ 13 67 12/_11 66 107 9 60 _8/__ 7 19 5/ 17 _4*i*__ . 3. 2/ 5 -0/-+1. -10/-11 TUTAL 2865 2865 2865 No. Obs. Mean No. of Hours with Temperature Rel. Hum. 35.816.650 57.3 8.157 4457131 102445 2865 ≥ 67 F | ≥ 73 F Dry Bulb 164302 9613410 2865 90 Wet Bulb 44.1 5.301 28.1 9.470 90 90 5651349 126335 2065 Dew Point 80442 2865

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USAFETAC FORM 0.26-5 (O)

₹ 3

SSAFETAC FOUND 0.26-S (OLA)

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-45,48-75

APR

PAGE 1 0

0900-1100 HOURS (L. S. T.)

CF	Temp,											SSION (TOTAL		TOTAL	
94/ 93 92/ 91 92/ 91 90/ 99 98/ 85 86/ 85 90	(F)	0	1 - 2	3 - 4	5 . 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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92/ 91	94/ 93		, L:					İ								i		•0	1	1	1	
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86/ 85	88/ 87		-										Ī			.2	.8	•8	51	51		
32 / 81	86/ 85							1]		• 2	.6	. 8	• 3	55	55;	i	
82/ 81 80/ 79 80/ 77 80/ 77 80/ 75 80/ 79 80/ 70 80 80/ 70	84/ 83													•1	• 7	1.5	.8	•1	94	94		
64/ 63 62/ 61 61	82/ 81											•0	• 1	5			.5	• 2	130	130]	
64/ 63 62/ 61 61	80/ 79			Ĭ			_			.0	.0	. 2	• 4	1.1	2.0	1.4	•2	• 3	160	160	;	
64/ 63 62/ 61 61	78/ 77							L	• 0		.0	.5	1.2	2.1	2.3	.7	• 6		215		1	
64/ 63 62/ 61 61	76/ 75									• 1	.3	1.4	2.0	2.3	1.8	.7	•2		251			
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Dry Bulb Yet Bulb Dew Point		-	Σχ'	[z x	-	<u> </u>	·*A		No. Ob	2.										
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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MONTHAN AFR ARTICHALTUCSON) 42-45.48-75

PAGE 2

Temp.							BULB T											TOTAL		TOTAL	
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26/ 25		i			ĺ	1			Ī		•	ļ		-	ļ					1	219
24/ 23		1	i .		1	1			i		i	l		7		1	1			1	179
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Element (X)		Zx'		 	ZX		X	•		No. 01	1500				Mean	No. of	Hours wit	h Tempera	ture		********
Rel. Hum.	-		7662			10	24.0				67	= 0	F	: 32 F	26.		≥ 73 F		. 93	F T	Total
Dry Bulb		-211	7652		_688 2022	10	70.5										35.3				9
Wet Bulb		1447	2561								6.7				1 02	المعا	27.0.1	1.20			
- 1)112 <u>i</u>		1440		50.2				67					 -		 			
Dew Point		267	13777	1	837	<u>63!</u> .	29.2	Ball	911	20	67		سللم	56.9				1			91

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS HUNIHAH AFB ARIZONA (TUCSON) 42-45,48-75

STATION STATION NAME

PAGE 1 1200-1400
HOURS (C. S. T.)

Temp.											SSION (TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb (Dew Poin
100/ 99		1		1				1									•0	1	1	1	
98/ 97		·	 				<u> </u>		L				 	<u> </u>	<u> </u>		• 1	2	2		
96/ 95	•								i		1						•9	25	25	!	
94/ 93									i 	<u></u>			i !		:		1.9	53	53		
92/ 91			,					!]				•0	• 3	2.6	85	85	1	
90/ 89		<u></u>		, 4			i	l	<u> </u>	<u> </u>	i _			1	• 1	.4	3.3	111	111	1	
88/ 87							,				İ			• 2	.3	1.6	2.2	124	124		
86/ 85							<u> </u>	<u> </u>	l	<u>i</u>	Q.	• 0	• i	• 2	1.6	2.7	1.5	179	179	<u> </u>	
84/ 83		-		i				1	1	1.1	.0	.2	• 2	1.3	2.2	3.2	1.5	250	250		
82/ 81								!		.0	٠,٥	. 4	1.0	2.3	3.1	1.1	1.1	277	277		
80/ 79									.0	.0	• 1	• 9	1.9	2.7	3.1	.5	• 8	290	290	1	
78/ 77				i			i		.0	.0	.4	1.1	1.8	2.0	1.5	.5		228	228		
76/ 75	•			i			•0	•0			.4	1.5	3.1	2.7	.9	• 5	I	203	263		
747 73							•0		.2		_	1.6	1.9	:.3	.2	,	l	186	186	1	
72/ 71	-	•	•	_			•0	• ()			1.3	1.2	1.9					164	164		
70/ 69				1			-2	.3	.2	.7		1.3	.8	-1			1	:40	140		
68/ 67	• -					i ——	•1	. 2	.4	.8	1.3	•9	•2					114	114		
66/ 65		1	,				.1	.3	1				•1				İ	83	83	6	
64/ 63	•	- •				•1	•1	7.2						i	 i	<u> </u>	i	74	74	10	
62/ 61				,			•1	.3		1		.1	•0	•)		Ì	48	48	45	
607 59	-	•	·		• 2	•2	.3					• 0		T		1	† - 	34	54	151	,
58/ 57			•	- 1	•0	•2		Į.	_					!			!	32	32	398	
56/ 55	•	т .	֥	٠ó	ę į	.2			,		.1			!	 		i	31	31	446	7
54/ 53		1	• 1	. 2	• 2	•1	į	•	-	1				i	i i		ļ	29	29	, ,	4
52/ 51	•-	• 0	•		•1	•0			 	†	 							5	5		<u>_</u>
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48/ 47	- -	• 0	• 9				i —	 	 -		i	i	 				i	3	3	**\ ~~ '~~*	35
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42/ 41			:					l	i	1	•			,		İ	i			49	77
40/ 39	•	• -	• •				i 	 	 	 	 			d			 -	-		14	90
38/ 37							i	į	İ	1	Ì	i		1	}		1			5!	125
36/ 35	1	•	•							 	 				† 1		 	<u> </u>			165
34/ 33	t					' !	; :			1	1				f i		İ	į			200
24/ 33 Element (Y)	<u></u>	zx,	 ;		Z X		7			tie. O	ha. T		L	`	Meac !	Sa. 21 H	Aurs wie	h Temperer	ute		
Rel, Hum.		- A -										10	£	s 32 F	,			- 80 F		, F T	oral
Dry Bulb	•					 		 	 			<u>`</u>	` }	- 34 1	 "			j		·	
Wet Bulh	• -							 			}				<u></u>	 -		 			
Dew Point	i.							 -			—j				 			ļ	_		
vew roint	t					!					1				1	i		1			· · · ·

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PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC APR DAVIS MUNIFOLI AFR - HICHNACTUCSON) 42-45.48-75 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9-10 11-12 13-14 15-16 17-18, 19-20 21-22 23-24 25-26 27-28 29-30 +31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 32/ 31 249 284 30/ -29_ 20/ 27 262 256. -26/ 25 -234 24/ 23 227 -22/--21 . 186 20/ 19 18/ 17 147 89 16/ 13 36. 27 1// 11 20 10/- - 9 9 8/ PRINTING OFFICE -1974 762-610 61 _5 6 41 .27... 6 0/ -1 -4/ -- 5 1 -8/ -9 -10/-11... TUTAL 2861 3.4 5.0 7.6 9.913.313.313.311.215.9 .9 1.7 2.3 2864 2864 1864 3 ã 9 6.5 ó , 5 0 0 1 0 No. Obs. Mean No. of Hours - ith Temperature Flement (X) 52910 ≥ 67 F | ≥ 73 L | ≥ 80 F | ≠ 93 F 2861 18.510.856 1311866 Dry Buili 20 17272965 220059 77.1 9.173 2864 fet Bolb 52.6 4.549 28.1 8.596 90 7975143 150569 2064

2861

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DATA PROCESSING BRANCH

Dew Point

2466916

80332

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

APR 23109 STATION DAVIS MONTHAN AFB ARTZONA (TUCSON) 42-45,48-75 1500-1700 HOURS (L. S. T.)

Temp.				····						DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb De	ew Point
102/101		,											}	1			• 1	S	2		
100/ 29.								ļ									.0	1	1		
98/ 97					i I												• 3	10	10		
96/ 95					i 			!									1.0	30	30		
74/ 93								1									2.6	73		1	
92/ 91		<u> </u>		•	.	ļ				<u> </u>		1		<u> </u>	.0		2.7	79			
90/ 89					+	'			i			1	•0		.0	• 4	4.0	127	127	•	
88/ 87					·				<u> </u>	<u> </u>	! 	<u> </u>	0	.0	• 3		3.8		157		
85/ 85					•	,		i			.1	1	-1						248		
84/ 83		·			ı			<u> </u>	٠0			•0			2.3		1.8	265	265		
82/ 31								1		1	.0	. 3	.8	ı —	4.2	2.5	1.4	1	323	,	
80/ 79					<u> </u>			<u> </u>	.	L	.1	-4	1.1	2.8	3.7	1.0	ڍ.				
78/ 77								ļ		.0	.3	•7			1.9	• 3		217	217	1	
76/ 75							<u> </u>	-1	-1	1 .1	2	.7		2.6	ر و	.3		202	203		
74/ 73					1			• 1	•1	.3					•5			166	166		
72/ 71		i		<u>. </u>	<u></u>			• 2	.1	,5		-1.2					<u> </u>	132	132		
707 69		,	•	ı		i i	• 1	1	.3	.2			•6	• 2	1		į	137	137		
68/ 67					<u></u>		•1	.1	•1	1 .6				•0				88	88	1	
66/ 65		,		i		• 2	٠ţ	• 2	.4			. 5	• 1				}	81	81	5	
64/ 63				ļ	.0		• 2		.3			•2					 -	55	55	2	
62/ 61		1		1	• 1	• 1	٠ļ		.5						;			68	68	32	
60/ 59			• ^		•0		• 2	+				•0		<u> </u>	l			31	31	170	1
58/ 57			• 0	. 9		.2	• 1	4	.3			l	i	ĺ			l	26	20	353	_
56/ 55		1	• 1		•2	•1			•1	.0	.0			ļ	 -			21	21	493	$-\frac{2}{5}$
54/ 53			• 2	. 2	• 2	.0	•0	• 1		i	ł	l	Į				1	22	22	520	
22/_51		1	• 1	• 2				ļ		<u> </u>		<u> </u>	 -	<u> </u>				14		478	<u>6</u>
50/ 49		• •0			•1	. 1		ĺ			l	!	i	•			•	9	9	,	
48/ 47	کھ ہے		• 0	<u> </u>	<u> </u>			<u> </u>		ļ	ļ			!			· 	6		218	28
46/ 45		•0	i							-								1	1	135	36
44/ 43				<u> </u>	<u> </u>	<u> </u>		ļ		 	<u> </u>	!						ļ		51	<u> 53</u> 57
42/ 41			1									1		ř			ĺ	ĺ		42	
40/ 39								<u> </u>		ļ	ļ	<u> </u>	<u> </u>							6	71
38/ 37			i L								ì	İ					ĺ	1	'	51	91
36/ 35					<u> </u>				L		<u></u> ,	<u> </u>	<u> </u>		لــــــــــــــــــــــــــــــــــــــ			<u></u>		l	133
Element (X)		ΣX¹			z x	_ _	<u> </u>	* <u>*</u>	_	No. OI	s				·			h Tempera			
Rel. Hum.								<u> </u>				= 0	F	± 32 F	≥ 67	F	73.7	≥ 80 F	→ 93 f	· To	tol
Dry Bulb	!					_		<u> </u>	-				_		<u> </u>	_			_		
Wet Bulb	· r					_		<u> </u>					_		<u> </u>			<u> </u>			
Dew Point				L		!		I	L_		i				! _			!	1	l .	

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AFR ARTZUNALTUCSUN) 42-45.48-75

PSYCHROMETRIC SUMMARY

, Temp.						WET	AULR	TEMPER	ATURE	DEPP	SSION	E)						120211			1700 (L. S. T.)
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 . 28	29 - 30	1 > 31	TOTAL D.B./W.B.	Dev Bulh	TOTAL	Daw Pau
34/ 33								 				-		1 -		1	1	 -			137
32/ 31				•								<u> </u>		!	Ì			1		į	137
30/ 29			İ											i			·i	 	·		295
28/_27																		1		i	282
26/ 25 ¹		r		,	:		!	1				!							1	1	320
24/ 23							ļ					<u> </u>			L		<u> </u>	<u></u>			271
22/ 21		'													1						280
20/ 19							<u> </u>								ļ	<u> </u>	<u> </u>	<u> </u>	· 		199
18/ 17																				; I	133
16/_15_						——		-				 -			<u> </u>	 	 				82
14/ 13				'											İ		1	1		1 !	49
12/11														-		ļ——	 	ļ			31
10/ 9 8/ 7															Ì	1				1	17
6/5															├	 	 				
_4/ 3			'																		11
2/ 1															 		├──-	 			9
0/1																				i	1
-4/ -5															 -	 	 -	 			
-8/ -9																	1				2
OTAL	• 0	• 3	• 6	• 6	.7	• 8	1.0	2.2	2.7	3.4	0.2	8.7	10.3	13.5	14.7	13.3	20.9		2862		2861
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F1 (N)		* , -																			
Element (X)		Σχ,			X		X	<u>"x</u>		No. Ob								Temperat			
Dry Bulb		124			498			11.4		28		± 0 F		32 F	≥ 67		73 F	≥ 80 F	≥ 93 F		Total
Wet Bulb		1775			2238			9.29		28					79		68.3	46.	3	.6	90
Dew Point	,	8013			1509			4.2		28						_ا0م					90
		231	2551		777	20	27.2	B 3	4	28	5 <u>1</u>		4	59.9	<u>i</u>			1			90

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MONTHAN AFB ARIZONALTUCSON) 42-45.48-75

APR

1800-2000 HOURS (L. S. T.) PAGE 1

Temp.		_				WET	BULB 7	FEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95		:]			_								• 1	2	2	1	
941 93		·								<u> </u>				<u></u> ,			•1	3	3		-
92/ 91			r			İ	1							1]		• 5	13	13	!	
90/ 89							<u> </u>							•0			1.1	32	32		
88/ 87			1	'	į	1	ļ							1	• U	. 3	1.1	42	42		
86/ 85			•		<u> </u>	<u> </u>	L			İ				-1		1.2	1.0	12	72		
84/ 83		1	i	1					•0	İ			• 1	• 2		2.3	• 7	128	128		
82/ 81	·	···			l				<u>. 0</u>			.0	• 3	1.0		1.0	.9	157	157		
80/ 79			F						•0	.1	.1	. 2	•7		3.7	. 8	• 6	1 - 1	244		
78/ 77	L				ļ	<u> </u>	<u> </u>	ں.	.0	.1	1	.7		3.5	1.6	.5		248	248		
76/ 75		,		f t	l	ł	•0	•0	•1	.2	.6	1.9	2.7	3.3	• 9	.4	1	291	291	1	
74/ 73			<u>. </u>	<u>.</u>	<u> </u>	<u></u>	L	<u> </u>	•1	6.3	.9	2.0		1.5	.5		<u> </u>	244	244		
72/ 71		1					•0	•1	• 3	.7	1.4	4.4	2.4	.9		1		249	249		
70/ 69	·	<u> </u>	<u> </u>	· 		<u> </u>		• 3	.7	1.1	1.8	3.1	1.2	•2	•0			243	243		
68/ 67		1	l		İ	• 1	•2	٤.	.4	1.4	1.9	1.9	•6	•6	1		!	195	195	1	
66/ 65		1	i		•0	• 3	.2	.4	.9	1.5	1.5	. 6	•1	•0				164	164	4	
64/ 63			[• 1	-2		.5	1.0		1.4	• 4				İ	Ì	131	131	2	
62/ 61			• 1		. 2	• 1	.3		.7	.9	. 5	• 1						101	101	3	
60/ 59			• 1		•0		.5	.5	.5	•9	.3				l			83	83	1 1	4
58/ 57		. 1	ļ	• 0		.3		.3	. 5	• 3	0	•0			<u> </u>		!	60	60		2
56/ 55		1	•0		- 2			• 1	• 4	• Z	.1			1	į		ļ	49	49		4
54/ 53	į	• 0	.2		. 2			, 2	• 1	•0				<u> </u>		!	<u> </u>	7د ا	31	451	9 5
52/ 51		1	• 1	• 3				• 1							1			26	26		5
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49/ 47		•1	• 1	!	í	•0		•0			Ì	İ		ļ	1			[8	8	403	29
46/ 45		1	.1	<u> </u>	ļ	ļ	<u> </u>	ļ		<u> </u>		<u> </u>			ļ		<u> </u>	5	5	266	35
44/ 43		+ • 1	1	1	l	İ		l		i	İ			İ	ł	!		7	2	133	
421 41		0	i	! ——-		<u> </u>	i	<u> </u>			!			ļ	 	<u> </u>	ļ	1	1	75	58
40/ 39		• 1			l									1	}	!		3	3	1 :	86
38/ 37	•	•1	L _	ļ	 		<u> </u>			<u> </u>					 			2	2	14	103
36/ 35			1	i						1							ļ			4	
34/ 33				<u> </u>	<u> </u>	ļ	<u> </u>		ļ	<u> </u>	ļ				ļ ——	<u> </u>	ļ	ļ		2	160
32/ 31					[}						[,	i					,	210
30/ 29	<u> </u>	<u></u>	<u> </u>	 	<u> </u>	<u> </u>	<u> </u>	Ļ	L.,		L	<u> </u>			<u> </u>		<u> </u>	<u> </u>		<u> </u>	228
Element (X)	-	ΣX,			z x	_ _	X	₹ 2	_	No. Ol	·s.							h Temperal			
Rel. Hum.	ļ					_		 	_			± C	F	≤ 32 F	≥ 67	' F 2	73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb	1							ļ	_									ļ			
Wet Bulb				ļ		_		ļ			<u></u>		_		ļ			ļ			
Dew Point	<u> </u>			l				<u> </u>										·			

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

U S GOVERNMENT PRINTING OFFICE -1974 762-610

23109 DAVIS MONTHAN AFB ARTZONA (TUCSON) 42-45,48-75.

YEARS

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp.						WET	BULB T	EMPER	ATURE	DEPR	SSION	1						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
28/ 27																				Ĭ	213
26/ 25			<u> </u>						<u> </u>	<u> </u>	[<u> </u>			<u> </u>				292
24/ 23		Ī		:										i							260
22/ 21		1								<u> </u>	<u> </u>	<u> </u>				<u></u>		Í		L	246
20/ 19													!					[216
18/ 17			İ _				1 1			<u> </u>			<u> </u>								203
16/ 15		1						!]	}	1	T	}]	i			Y	126
14/_13			<u> </u>	! 						<u> </u>				ļ	L	<u> </u>		<u></u>			7_1
12/ 11		,	r				1 1		İ	1	1			1	i	1	!			1	46
10/_9.		1	<u> </u>	L							<u> </u>	<u> </u>		1	<u> </u>		<u> </u>	<u> </u>		<u> </u>	16
8/ 7		1								ļ	1						1				ا ا
6/ 5		<u> </u>	L							<u> </u>				<u> </u>				ļ		ļ	
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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

APR DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-45,48-75 2100-2300 HOURS (L. S. T.) PAGE 1

Temp	р.		·									SSION (TOTAL		TOTAL	
(F)		0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 . 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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	73			į						.1	.1	.6		1.3	.8	. 3			128	128		
72/	71		7	1	1		• 1		• 1	• 2	.6	1.4	2.0	1.7	7 .4	• 2			195	195		
70/	69			1	11			. 1	. 3	. 6	1.4		2.7	1.2	. 3	.0			272	272		
68/	67			·	1		•0	. 2	•0	.9	2.02	3.1	2.7	• 5	• 2				317	317		
66/	65			1	• 0	• 1		. 3	1.2	1.3	2.7		1.6	. 2	2			Ì	306	306	_	
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187				Ì	1	İ	!					i	i		1			ļ			ļ	168
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USAFETAC FORM 0.26-5 (OL A)

DATA PRUCESSING BRANCH USAF ETAC AIR HEATHER SERVICE!MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MUNIHAN AFR ARIZONA (TUCSON) 42-45,48-75

PAGE 2 2100-2300

HOWRS (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL

(F) 0 1-2 3.4 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4 4.5 5.6 7.8 9.10 | 11.12 | 3.4

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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Element (X)	<u> </u>	Σχ²			žχ		X	₹		No. Ol								h Tempera			
Rel. Hum.	ļ	298	2151		802	65	28.0	15.9	92	28	63	≤ 0	F	≤ 32 F	≥ 67		73 F	2 80 F	≥ 93	F	Total
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Dew Point			0602		775		27.1			28			. 2	64.4					_!		90

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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90 / 89 9	Temp.				**		WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL	Ī	TOTAL	
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947 83 83 88 88 80 79	90/ 89																	•0	i	1		
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807 79	84/ 83				i I	ì]			•0	• 1	. 1	.0		6	6		
78/ 77 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 76/ 75 77/ 71 78/ 72 77/ 71 78/ 72 78/ 72 79/ 71 70/ 69 80 80 80 80 80 80 80 80 80 80 80 80 80	82/ 81						i							• 1	1							
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74/ 72 72/ 71 72/ 71 72/ 71 70/ 69 .0 .0 .2 .1 .2 1.0 1.7 3.5 1.5 1.5 1.6 .3 .0 175 175 70/ 69 .0 .0 .2 .1 .2 1.0 1.7 3.5 2.9 1.0 .2 322 322 1 68/ 67 .1 .1 .1 .1 .1 .4 .8 1.7 3.2 3.4 2.7 .7 .1 398 398 366/ 65 .0 .2 .1 .2 .1 .3 .5 .8 1.5 3.3 3.7 2.0 .2 322 322 32	78/ 77									.1	i	.1	1.1			• 1						
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68/ 67				1		,		-1				2.4	2.4	1.4		• i						
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64/ 63						• 1									•1							
627 61				0	•2																	
60/ 59				<u>ڏ</u> •				.7	1.4	1.8	3.2	2.9	1.1	• 1		i						
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	→ ;													` 	- 34 -		<u></u> -					

23109 DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS HUNIHAM AFR ARIZONALTUCSON) 42-45.48-75 0000-0200 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 20/ 19 127 18/ 17 142 16/ 15 120 14/ 13... 85 12/ 11 70 _10/__9.. 41 87 30 5. -61 3 4/ 6 .2/....1... 0/ -1 TOTAL 2959 2959 2959 O 0 (!) § () () s Element (X) No. Obs. Mean No. of Hours with Temperature 26.212.067 65.7 6.658 2959 10F ≥ 67 F ≥ 73 F ≥ 80 F 77584 2464982 Dry Buth 93 12895680 194346 2959 Wer Bulb 48.0 4.918 6888981 142031 2959 93 2638209 83269 2959

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GOVI RAMENT PRINTING OFFICE -1974 762-610

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 3

PSYCHROMETRIC SUMMARY

DAVIS HUNTHAM AFB ARIZONA (TUCSON) 42-45,48-75

MAY

PAGE 1

0300-0500 HOURS (C. S. T.)

(F)	Temp.	WET BULB TEMPERATURE DEPRESSION (F	F) TOTAL TOTAL
B47 B3	(F)	0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20	21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point
22	108/107		•0 1 1
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74	787 77	.2 .1	
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64/ 63		0 1 1 4 6 1.3 1.6	1.1 .2 .0 101 161
64/ 63	68/ 67	· · · · · · · · · · · · · · · · · · ·	11.1 .2 .0 256 256
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38/ 37 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 Element (X)	42/ 41	•0 •0 •1 •1	7 7 320 71 6
36/ 35 34/ 33 26. 185 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 Element (X)	40/ 39	.0 .1	
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32/ 31	36/ 35		48 160
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26/ 25 24/ 23 22/ 21 20/ 19 Element (X)			4 230
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181 20 / 19 144	26/ 25		
144 Element (X) Xx² Xx X x x x x x x x	24/ 23		
Element (X) Z X X x e _X 160. Obs. Meon No. of Hours with Temperature			
Rel. Hum. " ± 0 F ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb Wet Bulb	20/ 19		144
Dry Bulb Wei Bulb	Element (X)	Σχ' Σχ χ de fio. Obs.	Mean No. of Hours with Temperature
Wei Bulb	Rel. Hum.		≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total
	Dry Bulb		
Dew Paint			
	Dew Paini		

0.26-5 (OL A)

O USAFETAC

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MONTHAN AEB ARIZONALTUCSON) 42-45.49-75 U300-0500 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) (F) 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 31 135 18/ 17 125 16% 15.. 39 14/ 13 56. _12/ 11. 38 10/ 23 _.8/ _ _.7 . 6/ 31 6 41 10 2/ 0/ -1 -4/ -5 TOTAL. .2 .7 1.4 3.3 4.7 9.915.521.523.114.3 0.1 2960 2960 Ĭ 0 **(2)** 0.26:5:(QU) Mean No. of Hours with Temperature Element (X) No. Obs. Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F = 0 F : 32 F 29.712.592 3073286 **\$7796** 2960 93 Dry Bulb 11365855 182379 61.6 6.689 2961 20.6 46.1 5.082 27.9 9.852 136333 6355695 2960 -Dew Point 2960

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

HAY DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 0600-0600 HOURS (L. S. T.) PAGE 1

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DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MINIHAN AFR ARIZONA (TUCSON) 42-45,48-75

PAGE 2 O600-0800 Hours (L. S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F)

TOTAL TOTAL

Temp.							BULB											TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bu	Dew Pou
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221_21		!								<u> </u>											166
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18/_17_	- +	- +					<u> </u>														112
16/ 15	'	1	ı								<u>'</u>				Į						78
14/13					<u> </u>		 				<u> </u>										56
12/ 11		1			,						j j										40
10/9	•	+					 			<u> </u>											20
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ret Bulb:		722	0275		1453		49. i				60_			•2		1			1		9

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DATA PROCESSING BRANCH USAF ETAC AJR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Wet Bulb								1		\ \		\dashv		 	_		!	- 		
Dew Point															- -			1		

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE ! MAC 23105 DAVIS MUNIHAN AFB ARIZONALTUCSON) 42-45.48-75 YAM 0900-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 32/ 31 30/ 29 239 285 287 27 224 236 24/ 23 22/ 21 211 143 22/ 88 20/ 19 69 18/ 17 51 167 **14**/ 23 12/ 11 10% 87 61 47 21 0, −1 TUTAL 2948 2946 2946 C O 0 **0** ∂ a Element (X) No. Obs. Mean No. of Hours with Temperature 18.8 9.087 79.7 7.773 54.6 4.433 31.4 8.963 2946 55337 1282623 Dry Bulb 234927 2949 18893175 Wet Bulb 160787 2946 93 8833331

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DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-45,48-75 1200-1400 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 106/105 04/103 19 19 102/101 45 45 100/ 99 1.5 76 76 98/ 97 .1 2.5 5.4 7.5 967 95 170 94/ 93 92/ 91 90/ 89 246 246 9.4 315 317 8.5 2.5 301 362 3.2 349 349 887 87 6.2 86/ 85 84/ 83 •0 . 6 2.7 303 303 1,2 1.6 4.0 2.7 237 2.2 237 • 🤣 1.2 1.5 2.0 1.3 192 192 82/ 81 807 79 .2 .3 151 151 77 75 . 13 78/ . 5 • 6 1.7 . 6 131 131 767 122 122 .6 .6 74/ 73 • 4 71 •6 . 5 . 3 46 46 72/ 71 .0 .2 35 35 70/ 69 •0 ٠į .3 .2 • 3 • 1 .0 68/ 67 .0 19 46 66/ 65 •0 , ļ è 64/ 63 62/ 61 9 113 .0 8 8 294 4 • 0 .0 498 3 607 59 58/ 57 56/ 55 596 •0 549 .0 53 353 239 52/ 51 50/ 49 48/ 47 46/ 45 3 141 36 . 1 O s 51 13 60 .0 44/ 43 75 108 No. Obc. ZX Mean No. of Hours with Temperature Dry Bulb Wet Bulb

DATA PRUCESSING BRANCH UŞAF ETAC AJR WEATHER SERVIÇE/MAC

JSAFETAC FORM 0-26-5 (OLA)

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

PSYCHROMETRIC SUMMARY

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																		PAG	E 2	1200 HOURS	-1400
Temp.						WET	BULB 1	EMPERA	ATURE	DEPR	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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lement (X).		Σχ'			Σχ		X	₹,		No. O					Mean	to. of H	ours wit	h Tempera	ture		
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ry Bulb		2202	398i		2538	55	86. i	7.63			49		_ _		91	•5	88.2	76.	2 17	.8	9:
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DATA PRUCESSING BRANCH UŞAF ETAC AİR WEATHER SERVICE/MAC 3 23109 STATION DAVIS MONTHAN AFB ARIZONA (TUCSON)
STATION NAME \mathbf{C} REVISED REVOUS EDITIONS OF THIS FORM ARE OLD ULITE

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10 to 10 to

USAFETAC

PSYCHROMETRIC SUMMARY

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Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0 1	- 2	3 - 4	5 - 6	7 - 8			13 - 14					23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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Rel. Hum.		<u> </u>			<u>- x</u>			-	-	,10. 01	-	± 0	F	1 32 F	≥ 67		73 F	≥ 80 F	× 93	F	Total
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Wet Bulb						-		 							 			 			
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DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-75 MAY 1500-1700 HOURS (L. S. T.) TOTAL TOTAL
D.8. W.B. Dry Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 141 38/ 37 210 36/ 35 347 33 257 317 <u> -32/ -31</u> 330 30/ 29 282 28/ 27 26/ 25 295 24/ 23 22/ 21 206 149 84 20/ 19 18/ 17 68 52 16/ 15 14/ 13 46 34 12/ 11 23 10/ 8/ 10 5 2 2/ 0/ -1 -2/ -3 -4/ -5 -6/ -7 7.9 9.813.156.8 2950 2941 2941 2941 ₹ o ଚ Element (X) USAFETAC 267 F | 273 F | 280 F | 293 F 2941 Rel. Hum. 714223 40435 13.7 7.338 93 Dry Bulb 257510 87.3 7.508 2950 22644672 56.9 3.957 29.7 8.833 Wet Bulb 167455 2941 Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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USAFETAC

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FORM TO 04

DITIONS OF

PSYCHROMETRIC SUMMARY

DAVIS MONTHAN AFB ARTZONA (TUCSON) 42-45,48-75 1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 102/101 00% 99 21 21 98/ 97 96/ 95 1.7 53 2.5 94/ 93 .1 92/ 91 4.8 159 160 90/ 89 88/ 87 1.2 221 6.0 222 . 2 287 3.0 5.6 287 .0 . 8 4.7 2.9 294 296 86/ 85 • 7 313 .5 3.7 1.8 312 3.1 84/ 83 .7 .6 1.9 82/ 81 2.0 306 307 80/ 79 287 3.3 287 78/ 77 1.0 1.9 1.7 236 236 2.4 • 9 1.8 178 178 76/ 75 . 6 153 153 74/ .8 1.5 727 71 . 8 118 118 .0 • 0 .5 . 8 88 88 707 69 .0 3 687 67 ٠Ó .3 48 48 66/ 65 .0 • 2. . 2 21 42 22 647 63 2 .0 .0 •0 To 118 10 62/ 61 .0 • 1 15 15 297 607 59 .0 •0 499 67 58/ 57 562 567 55 558 10 54/ 53 411 10 52/ 51 13 246 507 49 .0 1 48/ 47 115 31 55 36 46/ 45 20 63 89 42/ 41 40/ 39 38/ 37 92 116 36/ No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≤ 32 F ≥ 73 F ≥ 80 F Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-45,48-75 YAM HTHOM Temp. WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B.-W.B. Dry Bulb | Wer Bulb | Dew Por-34/ 33 223 32/ 31 276 30/ 29 314 28/ 27 274 26/ 25 374 24/ 23 227 21 20/ 19. 141 18/ 17 81 16/ 15 73 24/ 131 72 (12/ 11. 10/ 9 16 87 67 5 16 4/2/ 0/ -1. -2/ -3 -6/ -7 TUTAL .6 5.0 6.5 9.612.015.816.628.2 2958 2951 Cg 0.265 Element (X) No. Obs. Rel. Hum. 980051 47073 16.0 8.014 2951 ≥ 73 F * 80 F + + 93 F Diy Bulb 81.7 7.628 19902558 <u> 241584</u> <u> 2958</u> Wet Bulb 161025 2951

DATA PRUCESSING BRANCH 3 USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 MAY 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 94/ 93 92/ 91 •0 C 13 90/ 89 • 31 13 <u>88/ 87</u> • 2 58 58 867 85 .0 • 6 • 1 347 83 96 96 131 132 82/ 81 807 79 250 251 78/ 77 283 284 .9 1.1 2.7 2.9 1.0 767 75 2.5 3.7 3.3 384 386 . 8 74/73 .0 340 340 1.8 2.9 3.7 .8 3.0 3221 323 2.6 •6 1.1 2.7 276 276 2.0 . 8 .9 258 258 O \$\$/ \$5 \$4/ \$3 .6 1.5 166 166 1.1 124 124 .7 \$2/ \$1 \$6/ \$9 38/ \$7 .5 .3 80 24! 80 93 . 5 56 56 37 37 2001 • 3 19 19 340i 0 181 13 469 • O 525 502 22 10/:49 • j 0 370 26 219 •0 103 90 101 60 26 105 140 190 223 249 282 30/ 29 28/ 27 Mean No. of Hours with Temperature No. Obs. Element (X) Dry-Bulb Wet Bulk

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Wer Bulb Dew Point

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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O DATA PROCESSING BRANCH USAP ETAC AIR WEATHER SERVICE/MAC

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DAVIS MUNTHAN AFB ARIZONA (TUCSON)
STATION NAME

PSYCHROMETRIC SUMMARY

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DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

23109 DAVIS HUNTHAN AFR ARIZUNA(TUCSON) 42-45.48-75

PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MUNTHAN AFB ARIZONA (TUCSON)
STATION NAME

PSYCHROMETRIC SUMMARY

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Temp.		0	Τ,					WET	BULB T	EMPER	ATURE	DEPRE	\$\$10N (F)	22 24	26 26	27 20	20 20	> 21	TOTAL D.B./W.B.	Dec Bulk	TOTAL Wet Bulb,	Daw Pare
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	17			- +			1	• 1	.3	.5	•4	.7	1.0	.9	1.5	•7	.0			174	174		
	15					• 1	1 .1	• 2	.3	.7	.9	. 8	1.4	1.6	1.1	.4	.0			219	220	!	
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21 7	11		_	1	. 2	ġ.		• i	.5	• 5		1.2	2.7	2.0	.9	• 3	ll			290	290	1	1
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DATA PRUCESSING BRANCH PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARIZONA (TUCSON) 42-45,48-75 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL j Temp, (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 22/ 21 20/ 19 109 60 187 17 64 167 15 32 14/ 13 28 12/ 11 13 8/__ 2861 TOTAL 2864 9.744.548.220.644.6 8.0 3.2 2861 2861 O q 7 5 E 30,213,162 70,7 6,617 86440 3107108 Dry Bulb 90 14421851 202349 2864 Wel Bulb 52.9 6.281 8105333 151217 2861

DATA PROCESSING BRANCH USAF ETAC 3 PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 1 DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 £. 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3 (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | D.B./W.B. Dry Bulb Wet Bulb Dew Point ≥ 31 100/ 99 98/ 97 96/ 95 6 94/ 93 13 13 92/ 91 • 5 t 67 907 89 •5 113 113 88/ 87 . 8 • 6 177 177 86/ 85 •3 €. 84/ 83 1.0 1.3 217 218 •1 •1 238 . 8 238 827 81 80/ 79 78/ 77 299 . 3 1.1 • 7 •0 298 264 264 292 275 761 •4 2.2 292 1.0 .0 275 . 8 73 741 236 72/ . 8 1.3 235 1.6 192 18 70/ 69 ٠Ò .6 2.0 192 134 134 101 •6 •7 68/ 67 13 131 .0 .6 1.0 130 130 66/ 65 .0 •8 •5 71 71 197 .5 641 63 • 0 .0 .0 .0 55 221 46 627 55 •0 54 71 .3 30 262 60/ 58/ 30 59 .0 13 13 303 57 •Ô .0 368 97 56/ 55 • 0 ٠į 84 383 54/ 325 98 52/ 51 261 104 50/ 157 115 487 47 46/ 36 43 133 **₽** 5 42/ 19 140 39 176 38/ 37 36/ 35 34/ 33 178 220 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. Dry Bulb Wet Bulb

17:50

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

DAVIS MUNTHAN AFR ARTZONA (TUCSON) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

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DATA PRUCESSING BRANCH USAP ETAC AIR WEATHER SERVICE/MAC

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

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USAFETAC FORM 0.26-5 (OLA)

PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23109 DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

STATION

STATION HAMP

ORDER 100000 1100

PAGE 2 0900-1100

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 NUL MONTH 1200-1400 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 -8 110/109 8 36 08/107 87 87 3.1 106/105 152 5.4 152 04/103 .2 7.8 234 234 02/101 317 317 .510.4 00/ 99 •0 . 8] 321 98/ 97 1.2 9.1 321 8.0 328 328 96/ 95 •4 •4 1•2 •7 1•0 1.5 8.2 336 338 94/ 93 <u>927 91</u> 272 1.6 271 .0 90/ 89 •0 • 2 • 5 1.2 2.0 4.6 261 261 • 2 0 2.0 184 184 • 5 .8 2.3 120 120 867 83 • 9 1.4 75 75 © sacono 847 83 .0 .0 . 8 51 51 .2 82/ 81 • 2 .0 .0 • 1 • 2 22 22 80/: 79 .0 .0 0 78/ 77 76/ 75 11 11 • i • 1 • 1 . 0 .0 •0 6 11 274/5173 • 0 6 .0 50 0 160 70/:69 •0 •0 249 68/ 67 •0 06/ 65 418 0 418 458 20 62/61 449 25 0 378 54 58/ 57 55 175 36/ 35 34/ 33 52/ 51 52 99 90/ 49 48/-47 46/ 45 44/-43 112 132 183 176 Mean No. of Hours with Temperature Element (X) 10F ≤ 32 F ≥ 67 F = 73 F × 80 F ≥ 93 F Rel. Hům. ζDıý Bύlb

-Wèt-Bùlb Dew Point

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNTHAN AFB ARIZONA(TUCSON) 42-45.48-75 1200-1400 HOURS (C. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 42/ 41 185 170 38/ 37 ≥36/ 35 216 261 235 34/ 33 32/ 31 30/ 29 165 28/ 27 26/ 25 24/ 23 22/ 21 131 110 67 39 .20% 18/ 17 24 8 14/ 13 12/ 11 10/ 9 3 10/ 8/ 3 2 2/ 1 0/-1 =2/ 3 2837 2034 2834 2834 No. Obs. 23490673 15.5 7.702 2834 267 F 273 F 280 F 293 F 43912 90.0 89.8 88.8 57.8 90 94.6 6.378 268309 2837 11012527 62.2 4.282 38.510.214 176245 2834

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75

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PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH UŞAF ETAC AIR WEATHER SERVICE/MAC

FORM 0.26-5 (OLA)

PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 0 DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 JUN 0 1800-2000 Temp. WET BULB TEMPERATURE DEPRESSION (F) 0 TOTAL 1 - 7 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 108/107 4 106/105 Ô 10 10 104/103 1.8 50 50 02/101 3.6 101 101 98/97 186 6.4 186 7.9 241 •5 1.0 •9 1.2 8.6 289 289 94/-93 8.2 314 314 92/ 91 90/ 89 1.8 6.9 316 216 1.0 1.8 5.8 325 325 3.7 255 0 2.4 • 6 255 2.9 223 •0 1.3 223 1:1 178 .6 178 . 7, 1.5 • 5 120 120 Q 10/ 79 10/ 77 •0 •5 99 99 .0 .3 51 51 •5 30 30 O. •0 •0 20 20 ₹•0 12 12 5 .0 Q 9 59 143 300 25 18 0 404 439 40 469 467 46 35/23 34/33 334 34 155 55 66 \$0/ 49 74 96 125 187 161 Meen No. of Hours with Temperature Rel Hun Wei Bulb

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
23109 DAVIS MONIHAU

PSYCHROMETRIC SUMMARY

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Wet Bulb		1040			1716		60.3				45					•6	. 1	1			9
							36.7		- W						<u></u>						 - - - - - - - - -

DATA PROCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 42-45,48-75 JUH 2100-2300 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL , Temp. 0 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 **≥** 31 100/ 99 •0 98/ 97 96/ 95 14 0 1.0 34 34 947 93 78 78 1.5 130 92/ 91 90/ 89 130 .9 1.1 2.0 0 •9 .0 1.3 205 206 •6 1.3 256 256 88/ 87 2.2 2.1 1.3 • 1 • 1 308 308 86/ 85 C .9 84/ 83 1.8 1.9 321 321 827 81 .6 3.1 319 319 296 80/ 79 78/ 77 296 .9 2.5 2.9 . 8 0 282 282 2.3 •3 1.3 1.7 1.3 200 200 76/ • 3 ٠Ž . 5 .8 • 2 • 2 • 3 <u>.</u>3 1.8 73 . 3 . 6 185 185 727 71 .0 • 0 •0 • 1 . 8 •7 104 104 70/ 69 57 57 20 .0 .0 • 6 29 30 108 68/ 67 . 2 • 0; • 0 •0 • 0 142 <u>667 65</u> .2 11 11 ٠Ó .0 .0 64/ 63 . 2 • 0 •0 .0 218 e. 275 28 . 0 62/ 61 352 52 60, 59 587 57 398 53 440 56/ 55 379 61 547 53 52/ 51 276 87 158 101 07 49 48/ 47 61 105 46/ 45 44/ 43 42/ 41 109 150 ತ 152 40/ 39 184 167 38/ 37 36/ 35 211 208 34/ 33 Element (X) Mean No. of Hours with Temperature Rel. Hum. ≥ 93 F USAFETA Dry Bulb Wet Bulb

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DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AFB ARIZONA (TUCSON) 42-45.46-75 € PAGE 2 2100-2300 HOURS (C. S. T.) TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 226 32/ 31 30/ 29 206 116 28/ 27 175 25/_25 24/ 23 139 87. 22/_21 45 20/ 19 -1.8/...1.7. 22 16/ 15 14/_13 12/ 11 12 0 87 6 2 0 4/ 3 2/ 1 8/:-9 0 2849 2847 TOTAL 2847 2847 0 Element (X) No. Obs. Mean No. of Hours with Temperature 22.112.157 81.9 6.495 57.4 5.059 ≥ 80 F | ≥ 93 F | ≥ 67 F ≥ 73 F 1811551 62929 2847 Dry Bulb 89.1 83.1 90 2849 58.1 19198673 233141 Wer Bulb 90 2437680 163284 2847 4228331 104903

DATA PRUCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC DAVIS MONIHAN AFB ARIZONA(TUCSON) 41-45,48-75 JUL PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | e 31 94/ 93 •0 92/ 91 O 90/ 89 88/ 87 49 49 • 9 121 121 251 2.9 2.5 1.9 867 i.0 •6 • 2 •0 249 0 847 83 2.3 361 .0 •6 361 81 79 •1 82/ 2.1 2.7 1.8 1.1 • 3 • 4 435 455 1.2 2.5 807 4.0 3.2 1.3 • 7 457 459 .6 G 78/ .9 2.9 3.8 77 2.6 2.0 1.1 .6 . 6 .6 426 430 7<u>5</u> 73 767 • 8 3.5 • 3 .0 380 381 .1 2.0 2.6 .5 2.6 1.0 1.6 •2 •1 741 • 7 •0 • 1 •3 237 237 23 Œ • 1 727 71 •0 140 140 141 70/ 69 .6 .9 •0 •1 .0 60 60 592 105 O m 687 67 10 10 808 246 66/ 65 547 364 647 63 302 352 62/ 61 333 182 0 60/ 59 137 294 58/ 57 56/ 55 227 82 57 172 0 541 53 58 147 <u>-527 .51</u> 129 33 50/ 49 108 48/ 73 46/ 45 64 76 O 42/ 41 40/ 39 38/ 37 47 **0** § 29 36/ 35 26 0.26.5 34/ 33 32/ 31 30/ 29 29 26 . 20 E 28/ USĄFETAC Element (X) Zx' No. Obs. Mean No. of Hours with Temperature 1 . 93 F ± 32 F 1 > 80 F Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 23109 DAVIS MONTHAN AFR CRIZONA(TUCSON) 41-45.48-75 0000-0200 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 26/ 25 <u> 24/_23</u>. 20/ 19 518/_17 16/ 15 2973 2982 TOTAL 2973 2973 (C C mosso C Mon **(**' Contro O E 0.26.5 (OL B) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 2973 50.519.378 8701631 150173 79.5 4.690 65.6 4.361 57.3 9.747 Dry Bulb 93.0 18920831 237121 2982 2973 Wer Bulb 49:0 12846646 195000

DATA PROCESSING BRANCA. USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JUL DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 > 31 100/ 99 • 0 1 92/ 91 90/ 89 •0 • 1 1.7 17 88/ 87 . 8 .6 867 85 .0 .0 • 2 • 1 60 60 847 83 167 167 . 0 291 82/ 81 1.0 1.6 2.9 •0 291 80/ 79 78/ 77 .6 505 506 2.6 •0 505 507 4.0 4.0 1.1 .8 • 3 2.2 • 3 • 2 3.3 517 521 2.1 •6 767 75 .8 4.1 2.7 74/ 73 72/ 71 • 1 3.9 3.3 1.7 .6 • 3 470 472 10 1.1 .5 . 5 • 0 (; 98 .3 292 292 1.0 .0 481 96 . 8 107 70/ 69 107 • 1 •0 • 0 763 • 3 284 28 68/ 67 .0 28 650 330 66/ 65 • 0 327 387 647 63 223 332 62/ 61 120 329 60/ 59 238 69 58/ 57 56/ 55 54/ 53 194 67 EDITIONS OF 66 149 123 85 62 52/ 51 50/ 49 24 49 48/ 47 73 46/ 45 44 441 43 37 42/ 41 43 40/ 39 21 C ĕ 38/ 37 36/ 25 38 34/ 33 32/ 31 30/ 29 10 to No. Obs. Element (X) USAFETAC O Rel. Hum. ≤ 0 F ± 32 F Dry Bulb Wet Bulb Dew Point

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

23109 DAVIS MONIHAN AFB ARIZONA (TUCSON) 41-45.48-75

PSYCHROMETRIC SUMMARY

0300-0500 HOURS (U. S. T.) PAGE 2 | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point WET BULB TEMPERATURE DEPRESSION (F) , Temp. (F) 26/ 25 24/ 23 22/ 21 20/ 19 2 18/ 17 16/ 15 TOTAL 2977 2968 .2 2.2 7.7 9.611.512.912.210.2 9.4 9.1 7.0 4.0 2.3 1.2 •0 2968 PRINTING Element (X) No. Obs. Mean No. of Hours with Temperature 55.018.503 ≥ 67 F | ≥ 73 F | ≥ 80 F Rel. Hum. ≤ 32 F 10001070 163304 2968 Dry Bulb 76.9 4.013 92.9 79.6 228871 2977 17643473 Wet Bulb 12590786 192822 65.0 4.634 2968 42.4 93 Dew Point 71664 <u> 2968</u>

ESTIGNS OF THIS FORM ARE OBSOLETE

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USAFETAC FORM

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
23109 DAVIS MUNTHAN AFB ARIZONA(TUCSON) 41-45,48-75

USAFETAC

PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARIZONALTUCSON) 41-45.48-75 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 30/ 29 9 26/ 25 24/ 23 2 1 22/ 21 19 20% 18/ 17 2971 TOTAL 2979 2971 2971 No. Obs. Mean No. of Hours with Temperature Element (X) Rel."Hum. 52.117.865 79.6 5.221 ≥ 67 F ≥73 F | ≥80 F | ≥93 F 2971 1 32 F 9011375 154779 93 Diyi Bulb. 18968326 237202 2979 92.9 85.7 66.2 4.081 58.7 8.525 93 196788 2971 13083962 -Dew Point 174651

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DATA PRUCESSING BRANCH 3 PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC JUL DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B. W.B. Dry Bulb Wet Bulb Dew Point ≥ 31 106/105 4 04/103 24 24 102/101 • 8 81 100/ 99 1.7 80 98/ 97 96/ 95 150 .6 150 +1 1.2 1.0 2.0 2.0 237 237 .6 94/ 93 2.1 . 3 1.0 267 267 92/ 91 90/ 89 392 392 . 21 1.9 1.9 417 417 1.0 • 2 • 1 3,6 3.2 88/ 87 .9 1.8 3.4 390 391 3.2 <u>. i</u> 86/ 85 84/ 83 . 5 1.8 3.7 2.3 326 326 1.3 .3 .2 • 1 • 1 •0 • 1 (! <u>.3</u> 2.0 248 248 82/ 81 1.7 1.6 •0 155 155 80/ <u>79</u> 78/ 77 119 118 • 5 51 17 • 2 • 1 • Ŏ 60 . 8 • 6 39 76/ 75 42 42 74/ 73 72/ 71 178 12 73 20 20 • 1 • 2 •2 15 484 15 16 887 63 70/ 69 11 11 68/ 67 666 182 354 276 66/ 65 346 146 64/ 63 371 62/ 61 92 (| |66 351 60/ 59 294 24 58/ 57 56/ 55 249 187 54/ 53 124 52/ 51 ೧ ತ 50/ 49 83 70 48/ 47 87 467 45 57 44/ 43 41 42/ 41 407 39 Mean No. of Hours with Temperature Element (X) O USAFETAC ≤ 32 F ≈ 73 F ≥ 80 F Rel. Hum. Dry Bulb Wet Bulb Daw Point

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MINIHAN AFR ARIZMNA(TUCSOM) 41-45.48-75 C PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 36 38/ 37 33 36/ 35 19 34/ 33 13 32/ 31 12 30/ 29 287 27 26/ 25 24/ 23 14/ 13 297ŏ 2974 TOTAL 2970 2970 Element (X) 267 F | 273 F | ×80 F | 293 F Rel. Hum, 38.115.373 88.7 6.021 ± 32 F 5013113 113159 2970 Dry Bulb 2974 23490366 263774 Wet Bulb 13918493 68.4 3.464 203057

DATA PRUCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA(TUCSON) 41-45,48-75 JUL 1200-1400 PAGE 1 HOURS (L. S. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 110/109 1 1<u>08/107</u> 106/105 15 €. 2.3 68 68 138 139 102/103 102/101 4.4 6.7 266 266 5.8 344 100/ 99 344 98/ 97 377 377 .0 3.2 3.0 •0 • 3 2.0 967 95 . 4 2.5 3.2 1.6 94/ 93 .9 3.0 338 • 1 2.1 2.5 1.4 • 5 • 8 2.7 <u>.</u>8 . 3 92/ 91 90/ 89 320 320 .0 3.0 • 3 89 . 8 1.6 2.2 2.0 244 245 151 887 87 151 •5 94 94 86/ 85 • 0 1.1 .6 .6 59 59 847 83 • 0 •4 •2 22/ 81 •4 • 0 36 36 • 2 80/ <u>79</u> 78/ 77 25 25 17 17 21 • 2 •2 ٠Ž 767 75 17 17 65 9 74/ 73 9 281 5 72/ 71 70/ 69 9 9 ٠Ō 650 837 48 .0 .0 109 581 68/ 67 66/ 65 .0 302 185 120 249 64/ 63 306 62/ 61 64 18 331 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 362 277 232 190 30/ 49 48/ 47 46/ 45 44/ 43 115 110 106 70 Mean No. of Hours with Temperature

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARIZONALTUCSON) 41-45.48-75

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PSYCHROMETRIC SUMMARY

PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B. W.B. Dry Bulb Wet Bulb Dew Point 42/ 41 58 40/_39

38/ 37 49 36/ 35 27 347 33 11 32/_31 30/ 29 11 28/ 27 24/ 23 4 18/ 17 TUTAL • 2 . 4 8 1.0 1.4 2.3 4.0 5.3 2963 2959 8.2 9.210.011.111.2 8.825.5 No. Obs. Mean No. of Hours with Temperature 3197751 88863 30.013.374 Dry Bulb 26630428 280292 2963

94.0 6.240 Wet Bulb 204829 93 14208735 2959 93

DATA PRUCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 10/109 6 6 <u> 108/107</u> 27 27 106/105 96 96 .0 3.2 04/103 .2 7.1 220 220 102/101 1,7 346 346 100/ 99 371 371 2.5 98/ 97 96/ 95 2.8 3.0 397 398 35₇ .6 358 941, 93 1.3 2.6 2.4 1.0 •6 260 263 92/ 91 1.8 197 197 90% 89 1.0 •0 159 • 1 2.0 1.3 159 .0 88/ 87 •0 1.5 124 124 86/ 85 84/ 83 • 3 1.0 69 1.1 . 8 81 81 C § 827 81 •6 • 5 • 5 • l 57 57 807 79 . 1 57 57 78/ 77 .5 .0 • 2 35 35 14 767 75 26 26 60 73 71 74/ 72/ . 3 • 0 22 22 197 0 548 70/ 69 874 68/ 67 66/ 65 64/ 63 626 103 O § 381 152 175 62//61 60//59 49 250 27 313 58/ 57 X 309 300 54/-53 223 183 30/ 19 18/ 17 16/ 13 16/ 13 166 126 152 94 Element (X) Mean No. of Hours with Temperature Dry bulb

DATA PRUCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARTZONA(TUCSON) PAGE 2 1500-1700 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B. W.B. Dry Bulb Wet Bulb Dew Point 86 42/ 41 78 40/_39 38/ 37 51 28 36/_35 13 34/ 33 15 32/-31 3 7. 30/ 29 -28/--27-5 26/ 25 24/_23 22/ 21 5 20/_19-18/ 17 14/_13 10/ 61. 2951 ·7 1.0 1.2 1.7 2.5 2.2 3.3 5.0 5.3 5.9 7.9 9.110.3 9.6B3.5 2956 TOTAL 295 (Element (X) Mean No. of Hours with Temperature 1 32 F 2 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 37.79045 86845 29.415.658 2951 95.0 7.358 68.9 3.196 92.9 Dry Bulb 2956 92.2 89.0 65.6 93 280726 26620034

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DATA PROCESSING BRANCH 3 UŠAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45,48-75 (1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 106/105 10 10 • 3 104/103 38 102/101 .1 3.3 190 100 98/ 97 5.1 178 .78 • 0; 229 (4.1 1.8 228 96/ 95 .71 1.9 296 296 94/ 93 92/ 91 1.6 2.0 1.9 301 1.6 1.7 304 .8 319 C 318 90/ 89 . 8 2.0 • 3 299 300 88/ 87 , 3 1.8 228 229 867 85 . 8 1.7 . 2 .0 2.1 .0 .0 174 174 847 83 • 6 2.0 104 164 82/ 81 **,**7 174 1.2 .0 174 80/ 79 78/ 77 1.0 1.0 .0 138 138 0 78/ • 0 .6 1.3 8.2 112 112 8 ٠Ò 1.2 96 17 96 73 71 .41 0 • 0 48 48 83 727 33 33 351 707 69 17 17 817 687 67 0 730 66/ 65 .0 219 468 64/ 63 266 240 627 61 130 0 59 60/ 55 292 58/ 57 19 234 567 238 :53 190 147 50/ 48/ 139 O 12Ò 45 122 Ô 42/ 41 74 Element (X) Rel. Hum. Drý Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AEB ARIZONA(TUCSON) 41-45.48-75 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) 71 38/ 37 47 36/_35 34/ 33 20 32/_31_ 13 30/ 29 9 28/_27_ 26/ 25 3 241_23. 22/ 21 20/ 19 18/ 17 TOTAL 2954 2954 MINOUS (° 8 O s 20 E No. Obs. Mean No. of Hours with Temperature 2953 Rel. Hum. 107095 36.318.915 4940107 Dry Bulb 93.0 91.4 2951 23861095 264839 89.4 7.651 Wet Bulb 199785 2954 13542953 67.6 3.245

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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C DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 23109 DAVIS MUNIHAN AFB ARIZONALTUCSON) 41:45.48-75 PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 19 32/ 31 30/_29 10 28/ 27 261_25 24/ 23 22/ 21 18/ 17 144 13 2979 GOVERNMENT PRINTING OFFICE -1974 762-610 2974 TÜTAL 7.1 7.3 7.4 7.3 5.7 3.5 3.1 7.1 6.8 8.2 8.0 8.7 8.1 2974 2974 0 0 0 O ã Cg 0 26.5 FOEW JUL &K Elen (X) No. Obs. Mean No, of Hours with Temperature O USAFETAC Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 2974 ≤ 32 F 7349733 135147 45.420.160 248157 83.3 5.990 Dry Bulb 2979 93.0 88.9 67.4 20778861 Wet Bulb 198201 66.6 3.739 169833 57.1 9.573 2974 56.6 13250589 Dew Point 2974 9970937

DATA PRUCESSING BRANCH USAL ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75 AUG ٤. PAGE 1 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 92/ 91 .0 ī 10 10 90/ 89 .0 • 2 36 36 88/ 87 • 2 • I 95 95 867 85 1.3 1.0 1.6 1.0 . 3 180 182 84/ 83 • 2 .0 379 382 3.4 82/ 81 2.6 5.4 80/ 79 3.4 2.6 1.1 .2 .0 601 602 1.1 3.8 4.7 3.5 •6 586 586 78/ 77 512 512 761 75 1.0 3.1 4.7 2.7 1.8 1.0 • 5 •0 • 1 239 2.5 2.9 741,73 2.5 1.3 339 219 219 202 72/ 71 70/ 69 2.9 1.7 .4 .3 • 1 1.0 , 3 • 1 • 1 144 72 676 .3 1.2 • 0 72 329 • 1 .0 19 19 807 68/ 57 • 1 • 3 - 1 • 1 609 411 667 65 C 267 486 64/ 63 62/ 61 175 358 319 136 60/ 59 C 96 228 57 587 36 162 56/ 55 20 125 54/ 53 94 52/ 51 12 91 507 91 47 () § 48/ 51 461 45 44/ 43 30 40/ 39 26 29 38/ 37 7 36/ 35 € ĕ 6 34/ 33 0.26.5 5 32/ 31 30/ 29 .1 1.7 7.9 9.412.813.113.512.7 3057 3050 TOTAL 7.6 5.7 3.0 1.4 .0 3051 3051 Σχż No. Obs. Mean No. of Hours with Temperature 56.715.762 77.7 3.958 Rel. Hum. 172889 **3050** ≥ 67 F ≥ 73 F 10656825 1 32 F 92.9 93 83.5 18501407 237513 3057 Dry Bulb Wet Bulb 93 13399286 201852 66.2 3.837 51.7

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45.48-75

# PSYCHROMETRIC SUMMARY

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Temp.						WET	BULB	TEMPER	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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1 DATA PROCESSING BRANCH USAF ETAC 3 PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC C DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 AUG MONTH C 0600-0800 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL ; Temp. (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 100/ 99 •0 94/ 93 ( 92/ 91 .0 • 0 • 1 90/ 89 16 • 0 •0 •5 •8 •2 58 58 88/ 87 • 1 • 2 C 101 102 86/ 85 1.7 84/ 83 .6 •1 •1 181 183 • 4 827 81 291 291 •0 ( 2.4 467 4.6 3.5 465 80/ 79 1.1 3.8 • 0 • 0 525 524 787 77 3.6 5.0 . 8 76/ 75 74/ 73 1.9 2.9 4.6 2.0 469 3.3 •3 • 0 • 2 2.1 4.4 3.7 455 455 1.4 310 310 238 72/ . 3 2.7 2.7 1.6 • 8 • 5 76 655 707 69 1.3 122 122 . 3 . 2 41 857 338 • 0 41 68/ 67 .0 • 1 .0 • 5 • 1 582 520 13 13 66/ 65 .0 . 0 521 300 64/ 63 185 62/ 61 325 118 60/ 59 213 587 57 55 29 185 56/ 55 110 14 <u>54/ 53</u> 78 52/ 51 6 3 69 50/ 49 48 48/ 47 46/ 45 41 28 44/ 43 20 42/ 41 ₹ 20 40/ 7 38/ 37 4 36/ 35 34/ 33 2 32/ 31 Mean No. of Hours with Temperature Element (X) ≤ 32 F Rel. Hum. 4 0 F Dry Bulb Wet Bulb Dew Point

C DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB AFIZONA(TUCSON) 41-45.48-75 0600-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 TUTAL .0 1.3 6.912.115.216.715.412.4 7.8 4.9 3.8 1.9 3063 3056 3056 C € € € €. C 0 0 **ပ** ရှိ Element (X) No. Obs. Mean No. of Hours with Temperature 11343164 180452 59.015.004 3056 ≥ 47 F ≥ 73 F # 80 F Dry-Bulb 236217 77.1 4.540 202986 66.4 3.569 16280035 92.6 78.2 3063 26.9 Wet Bulb 13521674 93 3056 53.7

100

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

9

USAFETAC

DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45,48-75

#### **PSYCHROMETRIC SUMMARY**

AUG

PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 04/103 02/101 100/ 99 15 15 98/ 97 55 • 5 55 96/ 95 .0 1.1 • 4 126 127 94/ 93 .0 .6 . 9 . 6 217 92/ 91 1.8 .0 2.4 1.2 . 5 274 907 89 407 407 88/ 87 1.0 3.1 3.1 4.2 1.6 1.1 450 .0 450 2.9 86/ 85 4.9 • 0 473 473 84/ 83 2.2 4.0 3.2 2.4 • 5 3.2 • 5 388 388 1.7 82/ 81 1.6 284 284 80/ 79 • 6 2.0 1.8 • 7 • 1 • 1 •0 • 0 173 173 <u>. 8</u>] 78/ 77 92 92 76/ 75 • 3 52 52 30 747 73 20 20 242 • 3 721 71 • 1. • 1 • 0 15 15 645 13 70/ 69 . 2 10 10 907 81 68/ 67 685 66/ 65 287 395 641 63 149 477 62/ 61 442 66 60/ 59 399 33 58/ 57 10 282 55 56/ 187 128 527 51 114 50/ 49 76 47 45 48/ 50 461 39 44/ 43 36 42/ 41 20 40/ 39 21 3B/ 37 9 Element (X) Rel. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAÉ ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AEB ARIZONA(TUCSON) 41-45.48-75 1 0900-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL £ D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 36/ 35 12 34/ 33 TUTAL 5.5 8.811.313.913.511.3 9.5 7.2 6.0 3.8 2.1 2.2 3062 3061 3061 3061 ( C E **€** ₫ 0.26.5 FORM JUL 64 Zx' Element (X) ZX X No. Obs. Mean No. of Hours with Temperature USAFETAC 43.013.627 86.6 5.324 68.9 3.011 6234632 23059**5**52 131700 265222 Rel. Hum. 3061 ≥ 73 F | ≥ 80 F ≥ 93 F Dry Bulb 93.0 93 3062 92.1 84.9 12.8 Wet Bulb 93 93 14555105 76.4 210875 3061 Dew Point 183729 3061

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

23109 DAVIS MUNTHAN AFB ARIZONA(TUCSON) 41-45,48-75

## PSYCHROMETRIC SUMMARY

AUG

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																		PAG	E 1	1200	-1400
																				HOURS (	L. 5. T.)
Temp.										DEPRE								TOTAL		TOTAL	
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108/107		1						<u> </u>		<u> </u>					<b></b>		• 2		5		
106/105				.				]	ĺ								•6		18		
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102/101		' !									Ì	•0	•0	•1	• 2	•7	2.8	121	122		
100/ 99		+ <del> </del>					<u> </u>	•0		•0	<del></del>		.2	.9	1.5	2.3	2.7	239	240		
98/ 97 96/ 95		.	l				l	•0		.0		٠٤		1.9		2.4	2.7	329	330		
94/ 93		. !					<u> </u>		•0			1.7		3.3	2.2	1.1	1.8	443	441		
92/ 91							ļ		• 1	. 5		2.7	3.7	2.9	1.5	.9	.8	453	453		
90/ 89		+						•0	.2	1.8	3.2	4.5	2.4	•9	•6	.5	• 2	436	436 385		
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Rel. Hum	-										-	± 0 f	: :	32 F	≥ 67		73 F	≥ 80 F	• 93 F	7	otal
Dry Bulb																			1		
Wet Bulb																			1		
Dew Point																			1		·

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC AUG DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45.48-75 C 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 42/ 41 40/ 39 41 38/ 37 36/ 35 6 3 347 33 32/ 31 3057 TUTAL .6 1.3 1.9 3.3 6.1 9.511.212.212.610.8 8.5 8.212.8 3061 . 0 3057 3057 GOVERNMENT PRINTING OFFICE -1974 762-610 THIS FORM ARE C senses retinous epitions of ã € o 0.26.5 FORM JUL 64 No. Obs. Mean No. of Hours with Temperature Element (X) Zχ X USAFETAC 33.612.123 92.7 5.526 69.6 3.176 58.1 7.048 ≥ 67 F | ≥ 73 F ≥ 80 F = 93 F Total 3057 10F ± 32 F Rel. Hum. 3902767 102751 283692 212865 93 Dry Bulb 26385870 3061 93.0 92.7 91.3 50,0 15.5 Wet Bulb 93 14853041 79.5 3057 73 7.8 Dew Point 10488764 177764 3057

DATA PRUCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MONTHAN AFB ARIZONA (TUCSUN) 41-45,48-75 MONTH STATION C 1500-1700 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL €. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 10/109 10 LÖB/107 28 28 106/105 1.7 58 58 104/103 1.1 4.0 150 102/101 •0 •1 160 4.9 308 308 100/ 99 2.2 379 98/ 97 . 1 3.1 2.2 4.0 379 1.7 2.7 456 456 96/ 95 3.3 g. 439 94/ 93 .9 3.7 3.5 2.8 1.5 1.0 439 92/ 91 90/ 89 2.2 2.4 1.2 316 317 254 1.8 . 1 253 •0 • 1 2.6 186 186 88/ 87 .3 2.5 1.0 86/ 85 1.0 1.8 129 129 • 0 83 83 847 83 • 4 1.3 • 6 •1 .6 73 5 82/ 81 1.0 • 4 .0 73 • 2 80/ 79 78/ 77 54 54 .6 . 5 787 •6 60 75 29 29 76/ 20 20 253 74/ 73 24 72/ 71 .1 • 3 14 14 707 ( 874 57 707 69 . 2 3 578 139 68/ 67 280 236 66/ 65 .0 192 288 64/ 63 363 62/ 61 64 19 60/ 59 356 323 58/ 57 271 (, 0) A Q 567 55 219 54/ 53 159 <u>52/ 51</u> 50/ 49 C .0.26.5 129 120 487 47 109 461 45 931 44/ 43 Element (X) 7 Mean No. of Hours with Temperature Rel. Hum. ≥ 80 F × 93 F Dry Bulb

Wet Builb Dew Point

₹. DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45.48-75 1500-1700 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 13 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 67 42/ 41! 27 40/ 39 38/ 37 36/ 35 25 26 6 34/ 33 32/ 31 28/ 27 3052 3054 1.9 2.3 3.3 5.2 6.1 7.810.410.010.210.6 TOTAL 3052 3052  $\mathbf{C}$ C) more 0 0 () i () **(**) Element (X) No. Obs. Rel. Hum. ≥ 80 F + ≥ 93 F 3052 ≥ 67 F ≥ 73 F 3942581 100149 32.814.066 92,9 6,561 69,1 3,125 93 Dry Bulb 26503094 283794 3054 92.2 88.8 56.0 93 14618112 3052 211006 93 3052

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DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAM AFB ARIZONA (TUCSON) 41-45,48-75 AUG 1800-2000 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 (F) 106/105 12 104/103 16 102/101 16 • 5 100/ 99 48 48 1.2 . 2 98/ 97 96/ 95 122 122 .8 1.9 • 0 •0 •0 • 6 1.4 1.6 1.8 212 212 1.1 94/ 93 1.0 1.0 275 275 1.8 2.3 • 7 355 354 927 91 394 90/ 89 1.1 3.7 2.9 1.1 • 6 390 329 88/ 87 3.0 2.4 1.7 1.0 • 0 329 86/ 85 84/ 83 . 9 314 314 3.6 •6 . 2 2.5 1.5 .9 <u>.</u>8i 239 2.8 239 2.2 • l 2.8 1.5 . 8 . 1 82/ 81 .3 1.0 210 210 •0 • 1 • 1 5 U 80'/ 79 78/ 77 1.0 1.0 .1 . 0 165 165 124 78/ 1.1 124 1.3 105 105 10 . 8 . 8 92 741 73 .5 72 72 22 72/ 71 50 461 . 8 50 .3 .4 .1 92 70/ 69 18 18 905 727 202 687 67 .0 1 256 .66/ 65 .0 416 647 63 234 366 118 396 62/ 61 327 607 59 61 58/ 57 22 261 236 <u> 567 55</u> 54/ 53 52/ 51 180 150 (a.c.) 50/ 49 48/ 47 123 91 46/ 45 94 44/ 43 79 71 407.39 31 Element (X) Meen No. of Hours with Temperature Rel: Hum. 1 32 F ≥ 80 F # 93 F Total FET Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MUNIHAN AFR ARIZONALTUCSON) 41-45.48-75 1800-2000 HOURS (L. S. T.) PAGE Z D.B./W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) Wet Bulb Dew Poin 22 38/ 37 26 22 5 36/ 35 34/ 33 32/ 31 30/ 29 TUIAL 3065 3060 3060 3060 () } 0 8 **6** 5 Element (X) X No. Obs. Mean No. of Hours with Temperature Rel. Hum. 3059 = 32 F ≥ 73 F 6000555 123933 40.517.897 87.2 6.755 67.8 3.202 57.6 8.087 93.0 79.6 20.9 Dry Bulb 267192 90.9 23432342 3065 207605 176174 Wet Bulb 14116277 3060 66.9 3050

DATA PROCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45,48-75 AVE STATION NAME 1 PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) D.B.W.S. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 21 98/ 971 2 96/ 95 •0 13 13 • i • 2 92/ 91 53 53 .0 90/ 89 •0 . 3 •0 136 136 887 87 250 254 -6 375 317 86/ 85 3.1 .21 1.0 • 6 847 83 424 424 82/ 81 .2 1.1 3.6 2.4 . 8 • 5 3.3 1.7 • 21 452 452 1.0 3.7 4.3 2.0 445 .4 445 807 79 321 781 .1 1.3 2.7 2.5 1.6 .0 321 2.4 767 75 .9 2.4 1.6 265 265 .7 236 74/ 73 .0 160 160 .1 1.4 2.1 88 25 C. moseo 721 .4 1.4 776 70/ 69 40 40 128 • 6 273 14 14 770 687 67 466 398 661 65 300 647 63 . 0 358 184 62/ 61 95 304 607 0 57 52 231 58/ 367 55 28 193 .54/ 53 .52/ 51 13 143 116 109 50/ 49 84 48/ 47 46/ 45 44/ 43 49 67 41 42/ 41 36 24 38/ 37 12 35% 35 34/ 33 8 32/ 31 Element (X) Re!. Hum. Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAYIS MUNTHAN AFB AR! LONA (TUCSON) 41-45.48-75 ŧ. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL i Temp. (F) ŧ, 1.2 1.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point 30/ 29 28/ 27 26/ 25 C 3056 3050 TUTAL .1. 1.2 4.7 7.3 7.5 9.4 1.4 10.5 10.8 Lua 3050 3050 €. Ű MENT PRINTING OF TICE-1974 762-610 ( EDITIONS OF THIS © ₽ 0.26-5 Element (X) Mean No. of Hours with Temperature 50.117.858 81.2 5.084 66.8 3.692 59.0 7.954 Rel. Hum. 3050 ± 0 F ≥ 67 F ≥ 73 F ≥ 60 F • 93 F 8639988 152926 93 248221 203868 Dry Bulb 92.8 20240517 3056 88.5 Wet Bulk 58.0 93 13668494 3050 Dew Point 180052 3050

3 USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICT/MAC Ø. DAVIS MUNIHAN AFB AKIZONA (TUCSON) 41-45,48-75 SLP 23109 STATION MONTH Ç 0000-0200 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) | Temp. TOTAL Ø. 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 - 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 - 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point (F) 92/ 91 0 90/ 89 £1 88/ 87 86/ 85 6 • 1 • 0 6 .0 • 0 41 41 .0 .4 • 2 •0 1.3 •5 84/ 83 . 3 • 5 • 0 •0 90 90 • 2 • 2 • 7 Ç, 82/ 81 1.0 1.7 189 189 • 4 . 8 80/ 79 1.0 1.9 1.6 •6 277 277 1.7 78/ 77 76/ 75 385 385 1.8 . 6 C 1.9 1.9 420 420 1.8 1.8 1.8 . 8 • 1 418 74/ 73 1 • i 1.8 2.1 1.5 2.0 1.6 • 1 415 72/ 71 • 7 1.1 1.1 359 361 10 1.6 .6 1.7 • 0 1 . 1.6 1.1 . 3 • 1 C 1.1 1.3 9 301 301 83 70/ 69 . 9 1.0 . 3 1.0 46 67 185 185 266 68/ •0 •0 • 6 • 8 • 5 6. 1.0 66/ 65 124 124 361 90 • 2 .6 ·ż • 4 . 6 .7 ٠2 €. • 1 69 69 376 167 . 3 . 3 . 4 . 3 • I 32 384 221 62/ 61 • 1 . 2 . 1 . 1 32 60/ 59 .3 29 29 353 209 • 1 • 1 • 1 s 0 • 2 ( • 1 11 306 195 11 58/ 57 • 0 .0 213 567 55 .0 257 •0 * I •1 54/ 53 . 0 202 208 C 187 T49 527 51 •0 95 193 50/ 49 48/ 47 50 151 C 28 178 46/ 45 15 149 44/ 43 126 42/ 41 40/ 39 115 38/ 37 36/ 35 115 a 102 € ठु 34/ 33 32/ 31 30/ 29 28/ 27 67 0.26-5 66 37 39 FORM JUL 64 25 26/ Mean No. of Hours with Temperature USAFETAC ± 0 F 267 F 273 F 280 F 293 F Rel. Hum. ≤ 32 F Dry Bulb Wet Bulb Dew Point

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DATA PRUCESSING BRANCE

AIR WEATHER SERVICE/MAC 23109 DAVIS MUHIHAN AFR ARIZONA(TUCSON) 41-45,48-75 C. 0000-0200 HOURS (C. S. T.) PAGE 2 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) €. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 24/ 23 22/ 21 22 E 3 20/ 19 18/ 17 16/ 15 C _14/_13. TUTAL 2944 2949 .1 1.1 3.7 5.7 7.2 9.011.113.113.513.811.5 5.3 2.9 1.3 2944 О Р В 0.26.5 Element (X) Ŧ. No. Obs. Mean No. of Hours with Temperature O USAFETAC

2944

2949

2944

≤ 0 F

± 32 F

≥ 67 F

81.6

≥ 73 F

55.8

45.917.606 73.9 5.520 59.9 5.722

· 激

135015 217998

176383

147044

7104131

16204824

10663933

7672900

**PSYCHROMETRIC SUMMARY** 

≥ 80 F ≥ 93 F

90

90

14.3

DATA PROCESSING BRANCH

USAF ETAC

Ret. Hum.

Dry Bulb

Wet Bulb

AIR WEATHER SERVICE/MAC DAVIS MONTHA' AFB ARIZONA (TUCSON) 41-45,48-75 SEP 0300-0500 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 . 1 86/ 85 .0 19 19 .0 84/ 83 . 1 .0 • 1 .0 •0 42 42 82/ 81 .0 80/ 79 133 133 • 2 787 77 . 7 1.4 1.9 1.2 . 2 243 243 379 761 75 1.5 2.1 1.9 2.1 1.8 1.4 379 1.9 403 403 74/ 73 1.6 71 2.2 470 721 2.3 1.9 468 1.7 375 377 70/ 69 • Ė 1.6 1.3 68/ 67 .3 1.3 1.1 1.1 1.4 1.5 1.2 300 302 186 30 1.4 . 8 1.1 1.5 1.0 236 87 . 8 236 326 .6 1.0 1.0 66/ 65 • 0 .4 380 64/ 63 .3 .6 .6 1.1 .3 139 139 145 . 2 **,** Ú 62/ 61 . 3 • 3 93 93 371 228 . 2 57 60/ 59 . 3 57 344 216 297 58/ 57 .0 20 260 11 282 192 56/ 55 īī • 1 .1 • 1 ٠Ţ 243 209 54/ 53 .0 12 12 178 52/ 51 204 170 144 50/ 49 78 48/ 147 461 45 35 181 164 44/ 125 42/ 41 126 40/ 39 92 38/ 37 36/ 35 103 87 34/ 33

O SAFETAC

321 31 30/ <u>29</u> 28/ 27

22/

26/ 25 24/ 23

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH

USAF ETAC

≤ 32 F

**PSYCHROMETRIC SUMMARY** 

45

35 35

26 15 11

267 F 273 F 280 F 293 F

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75 0300-0500 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 20/ 19 18/ 17 147 13 M127 11 2 2943 .2 1.5 4.5 7.241.043.044.244.442.940.7 5.7 ŢŨŢĂL 0 2943 2943 0 0 0 O 0 0 ZX X No. Obs. Mean No. of Hours with Temperature 49.917.248 71.1 5.409 58.9 5.888 10F ≤ 32 F 146878 2943 8205592 Diy Bulb 72.5 37.5 14991504 209656 2949 173285 2943 Wei Bulb 10305067 90 147016

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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## PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** UŠAF ETAC AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45.48-75 PAGE 2 0600-0800 HOURS (L. S. T.) | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Poin Temp. 12 24/ 23 22/_21 20/ 19 14/ 13 TUTAL ļ ( 2948 2941 2941 2941 €, GOVERNMENT PRINTING OFFICE -1974 762-610 €. Perwans tonions of the Œ, (C) (C) (O.26-5 (OLA) FOEW JUL 64 Mean No. of Hours with Temperature No. Obs. Element (X) 7729329 15878274 48.416.954 73.1 6.292 Rel, Hum. 2941 ≥ 67 F ≥ 73 F ≥ 80 F 142291 Dry Bulb 76.8 49.9 90 215558 2948 60.0 5.663 50.9 9.075 Wet Bulb 10676356 7891754 176414 2941 10.0 90

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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### **PSYCHROMETRIC SUMMARY**

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75 0900-1100 PAGE 1 HOURS (L. S. T.) Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 17 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 102/101 3 • 1 98/ 97 18 18 •0 55 1.0 55 96/ 95 .5 . 7 . 3 1.6 113 113 94/ 93 1.7 1.0 1.2 1.7 1.3 1.2 157 • 2 1 • 2 1.2 157 238 92/ 91 .3 • 8 238 90/ 89 •0 1.0 1.9 2.0 1.0 .6 276 278 • 4 88/ 87 1.6 2.8 1.5 332 333 86/ 85 1.1 • 0 1.4 .4 2.7 2.5 1.8 1.4 369 370 84/ 83 .5 1.5 1.8 •0 350 351 2.1 82/ 81 • 1 1.5 1.6 303 • 9 302 1.3 •7 • 7 30/ 79 78/ 77 ·ó 1.6 1.0 .0 .7 1.3 1.0 241 241 . 3 ۲, 1.2 1.1 1.0 .4 •1 179 179 • 2 767 75 106 .0 106 741 73 .1 .4 19 •2 •5 • 1 .5 •0 .0 59 69 727 71 .0 . 3 . 2 09 69 114 .0 70/ 69 •0 . 1 •0 •0 • 1 21 347 8 .0 21 .1 • 3 687 67 · 3 .0 .0 31 | 26 26 538 66/ 65 • 0 • 1 0 .0 •0 9 575 91 64/ 63 .0 412 154 4 62/ 61 60/ 59 364 200 .0 257 282 58/ 57 136 269 567 55 84 274 54/ 53 58 236 18 231 50/ 49 48/ 47 180 169 46/ 45 145 138 150 40/ 39 91 38/ 37 79 367 35 54 Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F | • 93 F Total Dry Bulb Wet Bulb Dew Point

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** 3 USAL ETAC AIR WEATHER SERVICE/MAC DAVIS MONTHAN AFB ARIZONALTUCSON) 41-45,48-75 1. PAGE 2 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) \$ 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 34/ 33 40 32/_31 30/ 29 49 26 28/_27 26/ 25 13 24/ 23 22/ 21 18/ 17 12/ 11 TOTAL 2944 2938 <u>.6</u> 1.2 2.9 5.0 7.4 8.7 1.2 h 0.8 h 2.3 h 0.2 9.9 7.4 5.2 2938 2938 O 0 0 0 0 No. Obs. Mean No. of Hours with Temperature Element (X) Z X 2958 2 73 F # 80 F ≥ 93 F 4151686 101936 34.714.470 Dry Bulbi 21286937 249595 84.8 6.545 2944 89.6 86.0 72.1 10.6 90 Wel Bulb 64.3 4.432 51.6 9.256 12193983 188829 2938 31.2 90 9( 2938

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DATA PRUCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC SEP DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 STATION HAME ŧ 1200-1400 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp (F) TOTAL 8 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B. W.B. Dry Buth Wet Buil Dew Point • 1 3 108/107 3 8 8 106/105 • 36 36 .0 1.2 104/103 87 87 102/101 .1 2.8 100/ 99 98/ 97 1.0 4.4 177 177 • 1 • 1.9 267 5.0 267 96/ 95 1.5 2.1 2.7 343 343 947 93 2.8 360 362 1.6 2.4 GOVERNMENT PRINTING OFFICE -1974 307 369 92/ 91 .0 .6 2.5 1.8 1.8 1.0 353 353 90/ 89 .5 1.4 1.6 1.3 88/ 87 .4 2.0 1.4 1.7 • 7 •6 278 278 . 1 1.1 • 3 1.1 86/ 85 1.0 .9 219 219 . 7 .3 1.6 • 6 155 155 .6 1.4 34/ 83 •0 •6 •0 827 81 .0 . 5 .0 84 84 80/ 79 06 65 •0 • 3 • 5 • 2 • 1 • 1 • 1 41 78/ 77 . 3 ٠٤ • 0 41 . 1 76/ 75 12 • 3 • 2 41 41 . 2 • 2 • 1 . 1 •1 ٠1 • 1 . i 25 48 .0 .0 .0 .0 •0 25 • l . 1 203 72/ 71 • 1 • 2 •0 • 1 • 0 17 17 707 69 ٠Ż .0 .0 15 15 401 .0 575 68/ 67 • 1 589 56 66/ 65 64/ 63 62/ 61 451 316 139 222 180 60/ 59 O P 72 238 587 55 239 56/ 55 242 54/ 53 22 **0** § 52/ 51 50/ 49 18 236 0.26.5.5 209 214 48/ 47 46/ 45 44/ 43 42/ 41 174 192 155 Mean No. of Hours with Temperature No. Obs. CO CYTETAC Element (X) 273 F 280 F 293 F Total ± 0 F ± 32 F Rel. Hum. ≥ 67 F Dry Bulb Wet Bulb OŠ Dew Point

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DATA PRUCESSING BRANCH 3 USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 23109 DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45.48-75 SEP 1. 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 40/ 39 112 38/_37. 102 36/ 35 34/ 33 82. 62 32/ 31 65 30/ 29 30 28/ 27 В .267..25 . 13 24/ 23 10 22/ 21 20/ 19 18/ 17 16/ 15 14/...13. TUTAL 3.3 5.1 7.9 8.111.011.711.112.024.1 .6 2.2 2946 2950 2946 2946 ( POTON: OF MINOUS € ક ઇ **ો** 0.26.5 10 P Element (X) No. Obs. SAFETAC Mean No. of Hours with Temperature Rel. Hum. 2613332 79504 27.012.603 2946 267 F 273 F 280 F 493 F Dry Sulb 90.9 6.567 65.3 4.153 24489725 268085 90.0 2950 88.9 84.8 90 Wet Bulb 12625768 192496 2946 90 31.9 2946 90

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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### **PSYCHROMETRIC SUMMARY**

23109 DAVIS MUNTHAN AFB ARIZONA (TUCSIN) 41-45,48-75 SEP

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** 3 AIR WEATHER SERVICE/MAC -(1: 23109 DAVIS MUNIHAN AEB ARIZONA(TUCSON) 41-45,48-75 * PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 2 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 125 38/ 37 367...35.. 28. 34/ 33 32/ 31 82 63 45 30/ 29 28/_27.. 15 15 26/ 25 241 23. 22/ 21 3 20/_19 18/ 17 3 167. 15.. 2946 2943 .9 1.5 1.6 2.3 2.9 3.1 5.4 6.4 8.410.511.712.531.1 TOTAL 2943 Ĭ 10 SHOOTINGS ã (; রু 0 26.5 0 5 1 6 Element (X) No. Obs. Mean No. of Hours with Temperature O USAFETAC +80 F +93 F Rel. Hum. 2597690 10 F : 32 F 2 67 F 2 73 F 76873 26.114.155 2943 2946 88.4 Dry Bulb 91.0 6.981 89.8 83.4 90 268057 24534087 90

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48.5 9.589

142593

Wer Bulb

Dew Point

12409303

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

£ 3 €

# **PSYCHROMETRIC SUMMARY**

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	I. Hum.	<u></u>							<del> </del>					F	± 32 F	≥ 67	<u> </u>	73 F	> 80 F	1 . 93 !		otol
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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

23109 STATION DAVIS MUNIHAN AEB ARIZDHA (TUCSON) 41-45.48-75 SEP 1800-2000 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 Dry Bulb Wet Bulb Dew Point 36/ 35 34/ 33 115 66 32/ 31 60 307 .29. 33 28/ 27 38 ..25. .25... 10 24/ 23 22/ 21 11 20/ 19 8 18/ 17₋ 16/ 15 14/ 13 2.6 3.5 4.3 TUTAL .5 1.8 2.9 2.1 5.3 7.2 8.6 10.3 12.1 12.9 11.1 2948 2945 7.6 7.1 2945 FO. 25. Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F | ≥ 93 F 4050229 32.917.144 96849 2945 Dry Bulb 21122684 248742 84.4 6.761 63.0 4.433 2948 89.6 84.0 69.4 90 Wet Bulb 11753998 185594 7245 20.7 90 Dew Point 49.010.100 7378442 2945 145378

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( õ 0.26.5

**SAFETAC** 

14 1000

3 **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AF ARIZONA (TUCSON) 41-45,48-75 SEP PAGE 1 2100-2300 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 2 96/ 95 •0 94/ 93 92/ 91 9 .0 • l • l 41 90/ 89 113 113 88/ 87 .0 • 6 1.0 .2 • 2 222 222 86/ 85 320 320 84/ 83 .3 1.1 1.8 2.0 339 82/ 81 ٠,5 339 79 1.0 1.0 1.8 1.1 350 351 80/ • 7 • 1 1.9 345 344 .4 . 8 77 1.3 1.6 78/ 371 1.2 76/ 75 .6 1.2 1.4 1.8 1.3 1.5 .6 370 1.3 1.5 • 1 10 747 280 280 73 226 31 . 8 .5 226 72/ 71 . 8 • 1 • 2 1.1 . 8 • 6 152 131 70/ 69 • 6 152 68/ 67 . 2 . 3 . 3 80 80 322 •6 •4 • 1 • 2 • 1 . l . 2i اذ . 44 44 366 116 667 65 • 0 144 31 31 404 64/ 63 . 1 .1 439 627 61 60/ 59 375 . 0 294 182 58/ 57 232 25 178 56/ 167 73 199 54/ 53 212 52/ 51 50/ 49 53 193 198 27 48/ 47 15 181 46/ 45 162 44/ 43 42/ 41 40/ 39 140 120 116 38/ 37 110 36/ 35 34/ 33 32/ 31 60 76 36 No. Obs. Mean No. of Hours with Temperature USAFETAC Dry Bulb Wet Bulb

DATA PROCESSING BRANCH

**PSYCHROMETRIC SUMMARY** USAF LTAC AIR WEATHER SERVICE/MAC SEP DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45.48-75 2100-2300 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL , Temp. (F) D.B./W.B. Dry Bulb 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 30 28/ 27 26/ 25 24/ 23 22/ 21 22 20 8 20/ 19 Ó 18% 17. 1 16/ 15 14/ 13 . TOTAL 2951 2947 5.5 6.1 8.911.111.414.412.9 .6 2947 2947 a () g 0.26.5 FORM FUT 64

2947

2951

2947

2947

267 F | 273 F | 280 F | 293 F

90

90

± 32 F

87.0

DATA PROCESSING BRANCH

ΣX

119153

229734

180129

146095

40.417.838

77.8 5.889

61 . 1 5 . 290

49.610.591

5755023

17986990

11092439

Element (X)

Ref. Hum.

Dry Bulb

Wet Bulb

Dew Point

SAFETAC

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

DCT

DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45,48-75 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 26 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Buth Dew Point 34/ 83 Ž .0 •0 2 82/ 81 80/ 79 19 19 . 1 . 1 78/ 77 761 75 • 1 • 1 . 3 . 5 ٠٥. • 2 • 3 88 ខទ . 5 • 1 74/ 73 72/ 71 . 8 • 0 141 141 • 6 • 0 . 1 . 8 1.4 1.2 - 1 • 3 • 6 1.0 214 214 70/ 69 . 5 262 262 68/ 67 . 8 1.7 1.8 319 13 د . . 6 . 5 1.0 319 1.8 1.0 • 0 .3 .7 1.8 66/ 65 1.6 2.5 361 361 31 64/ 63 . 2 . 4 . 5 1.1 . 3 1.6 2.2 2.0 334 334 89 18 1.4 . 6 62/ 61 60/ **5**9 98 1.0 1.8 1.5 288 288 48 • 0 .4 .7 . 5 1.0 1.5 56 1.2 1.3 1.8 276 276 168 58/ <u>57</u> 56/ 55 .6 187 198 68 187 .5 91 • 3 • 3 . 8 1.1 1.0 280 • 1 158 158 • 4 54/ 53 <u>و</u> و 349 97 .0 104 104 52/ 51 .5 • 1 . 2 • 3 •5 . 6 .2 31 81 353 142 50/ 49 404 130 75 75 48/ 47 • 4 • 1 • 4 • 1 421 48 310 140 467 45 • 1 187 . 1 . 1 25 25 276 44/ 43 13 181 208 .2 • 2 • 1 15 42/ 41 .0 141 197 • 1 40/ 39 .0 65 174 38/ 37 208 51 36/ 35 188 341. 33 9 191

32/ 31

30/ 29

28/ 27

26/ 25

24/ 23

22/ 21 20/ 19

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dew Point

18/

≤ 32 F

→ 80 F

156

136

126

133

72

92 56

38

Total

≥ 93 F

Mean No. of Hours with Temperature

≥ 73 F

10F

No. Obs.

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UŠAFELAC

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONALTUCSON) 41-45.48-75 C PAGE 2 0000-0270 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Dew Point (F) 35 16/ 15 14/ 13 18 8 10/ 9 87 7 61 2 27 1 .0/ = 1.01 4.3 4.3 5.7 8.1 9.914.614.915.410.8 7.4 3050 3050 TOTAL 3050 3050 () (.) 0 Og Element (X) Σχ² Zχ No. Obs. Mean No. of Hours with Temperature SAFETAC 44.019.274 ≥ 73 F > 80 F 7027274 3050 10 F 1 32 F 134084 Dry Bulb 93 12439405 193519 63.4 7.263 3050 33.2 51.0 6.472 38.911.620 Wet Bulb 155431 3050 93 8048631 Dew Point 118735 5034003 3050

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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0.26-5 (OLA)

FORM A

USAFETAC

165

### **PSYCHROMETRIC SUMMARY**

23109 DAVIS HONTHAM AFB ARIZONA (TUCSON) 41-45,48-75

STATION STATION NAME

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp.							BULB 1											TOTAL		TOTAL	
(F) _ :	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12		15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
80/ 79	i		· ·					•0						•0				2.	2		
78/ 77							اع و	- 1	•0		.1	<u>•2</u>		<u> </u>				15	15		
76/ 75		İ			J		• 1	• 1	•0	• 4	٤.	• 1	• 1	•0				32	32		
74/ 73					• 1	•2	. 3	٠,۷	.4	. 2	.3	• 2	• 1	• 1				61	62		
72/ 71	,	}		• 1	• 2	• 3		• 6	. 8	•5	•5	• 3	• 1					117	117		
70/ 69	. 7	•0	•0	• 1	.5	.9		1.2	1.1	.7	.5	•2	•1					179	179		
68/ 67	• 0	. 4	• 5	. 5	• 8	1.1	• 9	1.3	1.2	1.1	• 9	• 2	•0					267	267	13	4
66/ 65		• 3	.7	- 6	• 7	• 7	1.8	2.0	1.7	1.5	•6	• 2					<u> </u>	331	331	30	
64/ 63	_ 1	• 2	• 7	• 7	1.2	1.5	1.4	1.8	2.2	.9	• 4	• 1					l	335	335	51	19
62/ 61	•0	. 4	• 5	.7	1.2	1.5	2.3	2.2	1.8	.9	.4			<u> </u>				360	360	85	31
60/ 59		.5	• 3	1.0	1.4	1.7	2.0	2.2	1.7	• 6				İ			1	345	345	132	59
58/ 57	1	•6 •5	· 5	-8	.9	1.2	1.4	1.5	1.2	.1	• 1						<u> </u>	252	252	166	74
56/ 55	• 0		• 5	• 4	1.0	1.1		1.2	. 3	• 1								191	191	244	82
54/ 53	•0 •0	.6	. 5	• 6	- 8	1.0		.6	.3	.1				<u> </u>				155	155	298	95
52/ 51	•0	• 5	. 2	• 5	• 6	• 8		• 1	. 3					i				123	123	358	125
50/ 49	4	. 5	• 2	• 6	. 5	• 7	.5	٤.	•1									102	102	360	134
48/ 47		• 2	. 3	اد .	• 3	• 5		• 1									l	68	68	352	151
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44/ 43	• 0	• 2	• 4	• 2	• 1	• 1	• 2				4	,			i		Į	39	40	253	183
42/ 41	+	• 2	• 1	-1	•1	•1	•1											19	19	153	207
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38/ 37		• 0	• 1															3	3	59	187
36/ 35	1	į	ì	1	ļ															44	186
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217 0010						i				_						!		i			
Wet Bulb			1			1	i		,				1	j.							

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45.48-75

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# **PSYCHROMETRIC SUMMARY**

OC T

Temp.					,					DEPR								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	- 30	≥ 31	C 8./W.B.	Dry Bulb	Wet Bulb	
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10/ 9				<del>-</del>			ļ			<u> </u>		<u> </u>	<u> </u>		<u> </u>						
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Rel. Hum.			7648	<del></del>	1436	44	47.3				40	± 0	F	: 32 F	≥ 67 F			≥ 80 F	≥ 93	F	Total
Dry Bulb	-	1144	1245		1854	91	61.0	7.1	23		43		$\neg \vdash$		20.		3.4			_	
Wet Bulb			4684	<del>                                     </del>	1514		49.8				40			• 3		. 1	<del>- 4 7</del>		-		- (
Dew Point			3765		1177			11.5			40		•0	27.9		-			<del></del> -	<del></del> -	~~~~

1 DATA PROCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC £ 23109 JLT DAVIS MUNTHAN AFB ARIZONA(TUCSON) STATION MONTH 1 0600-0800 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL £ 1 . 2 | 3 . 4 | 5 - 6 | 7 . 8 | 9 . 10 | 11 - 12 | 13 . 14 | 15 . 16 | 17 - 18 | 19 . 20 | 21 - 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 84/ 83 • 0 82/ <u>81</u> 80/ 79 • 0 g. 12 12 • 1 • 1 38 38 78/ 77 .0 76/ 75 • 1 . 3 • 6 • 2 • 1 •1 . 2 .6 1 . 3 114 114 747 73 . 6 • 1 175 72/ 71 . 8 .8 1.0 . 8 . 8 175 . 9 240 240 70/ 69 • 1 ( 276 276 13 68/ 67 1.7 .3 . 2 .9 1.0 1.2 1.3 . 8 • 2 .0 66/ 65 1.5 1.5 309 309 40 1.6 1.2 22 31 294 294 62 64/ 63 1.3 1.3 1.7 1.8 • 3 .4 . 8 90 321 62/ 61 .7 1.5 1.9 321 60/ 59 152 . 8 .9 1.8 1.3 268 268 1.3 1.4 • l • 3 • 5 • i 219 71 221 58/ 57 221 56/ 55 .5 . 8 .5 183 183 288 75 .7 1.0 .2 •1 1.3 115 155 321 54/ 53 155 .0 . 0 • 3 •9 1.1 . 8 • 3 .0 • 3 • 2 125 52/ 51 . 4 .6 1.0 117 118 359 • 2 172 81 81 360 50/ 49 . 3 .6 • 3 179 48/ 47 • 2 .3 52 53 323 . 2 . 3 • 2 . 3 47 270 195 46/ 45 48 • 3 <u>• 1</u> 184 • 0 26 221 44/ 43 • 1 26 • 1 42/ 41 . 2 ٠Ó . 1 14 140 226 • 0 199 75 40/ 39 . 1. • 1 191 38/ 37 49 184 34 36/ 35 34/ <u>33</u> 32/ 31 196 15 154 . 1 30/ 29 28/ 27 140 3 104 ŝ 121 26/ 25 24/ 23 81 58 22/ 21 51 20/ 19 30 18/ Zχ No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10F 1 32 F ≥ 73 F ≥ 93 F Dry Bulb Wet Bulb Dew Point

DATA PRUCESSING BRANCH USAF LTAC AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

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DAVIS MUNTHAN AEB ARIZONA(TUCSON) 41-45.48-75 0600-0800 POURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 31 16/ 15 147_13. 19 12/ 11 11 10/_ 9 8/ 7 .6/__.5 . 3047 TOTAL ·3 4·7 5·4 6·5 9·114·514·914·112·6 9·3 5·5 1·8 3050 2047 3047

Element (X) No. Obs. Mean No. of Hours with Temperature 46.419.095 62.2 7.809 50.6 6.655 Rel. Hum. 26/F 273 F ≥ 80 F + 93 F 7672644. 141402 3047 1 22 F Dry Bulb 11992973 793639² 189823 154179 3050 Wel Bulb 3047 Der Point 39.411.204 51176 120144 3047 24.9

C. A. C. COLONS OF THIS FORM ARE ONSOLITE

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0.26-5 (OLA) *

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

こうといくまるが、ないできかがあると思いないということできるとは、これのは、これのはないないできないというできないというできない。

USAFETAC FORM 0.26-5 (OLA)

## **PSYCHROMETRIC SUMMARY**

23109 NOTATE	DAV	IS M	нтиш		AFB ATION N		ONA (	TUCS	(NC	41-	45,41	8-75		YE.	ARS	<del></del>		DACS		DC MON	TH
																		PAGE	: i	HOURS IL	
Temp.											SSION (		,			<u> </u>		TOTAL		TOTAL	
(F)	0 1	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	_	27 - 28	29 - 30	≥ 31	D.B./W.B.	<u> </u>	Wet Bulb	Dew Point
96/ 95	i	,												•0		• 1	• 1	6	6	' '	!
94/ 93		- +-												•0		.2	•2	12	12		
92/ 91										•0			• 1	• 1	• 3	• 2	•4	33	33		Į.
90/ 69	+								•0			• 1	• 2	• 4	• 4	.7	•5	68	68		
88/ 87		;		1					• 1	·i	-2	• 2	1.5	. 8	.7	.7	• 4	108	183		1
86/ 85 84/ 83	-	•		+				•1	•1	.3	.4	1.1	1.3	1.3	1.2	•6	•4	220	220		
									.5	.9	, , ,	1.2	1.9	1.5	1.2	.3	•1	273	273		ļ
82/ 81 80/ 79	-	†		<del>-</del>		• 1	.2	• 4	.8	1.0	1.7	2.0	1.9	1.4	.4	.1		302	302		
78/ 77				ļ	•0	.1	• 2	. 5	.9	1.3	1.7	1.6	1.4	1.1	.2	.0		279	279		
767 75	·	-		• 1	•1	• 2	.4	.8	1.0	1.3		1.7	1.4	• 4	• 2			276	276	1	
74/ 73			1	. 2	i	. 3	4	.9	1.2	1.6	1.3	.9	7	• 2	.1			235	235	3	
72/ 71	- <del>- 0</del> ;	+-	•0	• 1	•1	. 4	•6	1.0	1.4	1.3	1.1	•7	• 2	•1				217	217	5	1
70/ 69	• • • • • • • • • • • • • • • • • • • •		. 2	. i	. 1	. 5	. 0	.9	1.0	1.3	. 8	.5	.1	•0				190	190	21	-
687 67	<del>j</del> -	• 1	.3	• 3	• 2	•4	• 5	.7	•9	.6	• 7	• 2	•0					148	148	65	3
66/ 65	1	• 1	• 1	. 2	.4	. 5	• 7	. 8	.5	.5	.3	• 3						135	135	110	14
64/ 63	- +	.0	• 0	• 1	.4	•3	.5	• 5	.4	.3	• 1	•1	•0					86	86	206	27
62/ 61	<u>• 1</u> .	1	• 0	• 3	.5	4	.5	• 5	. 3	.1	.3							88	88	296	33
607 59	• 0	. 2	• 1	.2	•2	• 2	• 2	• 3	•1	•2	• 1	•0						54	54	392	54
38/ 57	. 1	• 1	• i	• 2	• 2	• 3	.4	• 1	. 1	. 1	.0							49	49	457	75
56/ 55	•	.0	• 2	• 1	. 2	• 1	• 2		•0	.0								29	29	446	95
54/ 53	1	• 1	• 1	•1	•1	•1	• 1		•0	.0	<u> </u>							17	17	351	121
52/ 51	1	• 0	• 1	• 1	• l	•0												2	9	271	158
50/ 49	_ 1	<u>• 1</u>	• 1;	•0				•0		<u> </u>								7	7	152	192
48/ 47	2.1	• 1	• 1	اء		•0	•0				!						İ	10	10	122	177
46/ 45	- •0	• 1		• 6		•0	<u>•1</u>			<b> </b>								7	$-\frac{7}{3}$	71	237 229
44/ 43	1	• 1	,	į														2	2 2	20	236
42/ 41	-	• 0	• 0						<del></del>		I							2	2		199
40/ 39		•0	• 0															2	4	7	215
38/ 37 36/ 35		<del>-</del>								-								<del>  </del>		2	185
			1	ĺ						[				,						2	155
34/ 33		_	+										<del></del> -				-			<del>_</del> ;	161
30/ 29				į										į							iii
Element (X)	Σ	x²	<del></del>	i	ξχ	<del>'</del>	X	•,	<u> </u>	No. 01	)\$. 1				Meon I	to, of Ho	ours wit	h Temperat	ure.		
Rel. Hum.									_		•	± 0	F :	32 F	≥ 67		73 F	→ 80 F	* 93	FTT	otal
Dry Bulb								<u> </u>			- +	<del>-</del>	— <del>  -</del>	<u></u> -	—— <u>—</u>	_		<u>-</u>	1		
Wet Bulb	-								<del></del> -				$\neg \vdash$			_		i	1	_	
Dew Point		_																			***************************************

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75 0900-1100 HOURS (L. S. T.) PAGE 2 TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 99 28/ 27 26/ 25 24/ 23 79 67 40 22/ _21_ 20/ 19 25 14 18/ 17 16 167 15 14/ 13. 12/ 11 8 10/ 9. 3047 4/ 1.5 2.0 2.7 3.9 5.6 7.5 9.611.412.211.610.8 8.5 5.0 3.5 2.1 TUTAL 3047 3047 3047 ÷ a **€** 5 0.26.5 70 P. No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC 32.816.418 75.2 8.780 +80 F | +93 F Rel. Hum. 3047 ≥ 67 F ≥ 73 F 4099717 99951 229094 Dry Bulb 17459656 77.8 60.9 3047 Wet Bulb 56.4 5.653 41.110.517 9789519 171849 3047 2.9 Dew Point 5490275

.4 13 .....

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

3

# PSYCHROMETRIC SUMMARY

OCT

																		PAGE	1	1200	
																				HOURS (	5,
Temp.											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24		27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew
102/101	•			1		:								•0	l			1	į,	ľ	
100/ 99	<b></b>					i		<u> </u>	!					•1		-0	•2	10	10		
98/ 97						1						•0			•0	• 1	- 5	22	22		
96/ 95		- *-			<del>i</del>						•1			• 1	- 1	. 2	2.3	82	82		-
94/ 93				,							ا ا		• 1	• 1		Ter	2.2	123	123 209	;	
$\frac{92}{92}$ $\frac{91}{90}$ .		•						ļ	-0			<u>د •      </u>	•3		$\frac{1.0}{1.7}$	2.3	2.6	271	271		
90/ 89				•					ĺ	0.0	.2	•5 •7	•7 1•6		2.1	1.8	1.9	306	306	. 1	
88/ 87 86/ 85		- +			+				•1	-0	.6	8.	1.8	2.2	2.3	2.0	1.0		326		
84/ 83				1	i	1		. 1		-4	1	1.2	2.1	2.3	1.9	1.0	•2	299	299		
82/ 81	-					<del>i</del>	0	• 1	• 2			1.2		1.4	1.4	1.3	•1		235	i	
80/ 79					i		.2	.2	4	.8		1.7	1.6	1.1	7	.2	• •	237			
78/ 77	•	1		• 1		• 1	- 2	• 1	.4			1.6		• 4	• 1			197	197		
76/ 75				.0	•0	. 1	. Ž	.4	8.	t .		1.0	. 0		. 1	• •		100	160		,
747 73	- 4			•1	•1	•0	• 1		<del></del>			.6	•2					124	124	4	
72/ 71				• 1	•0	. 2	• 2	.4	• 2	.5		.4	• 3		į			97	97	9	
707 69	•	• 1	• 1	-1	• 1	.2	•2	.4	.3			• 3						86	86	33	
68/ 67		• 0	• 1	• 0	• 1	• 2	. 3	.3	.4		.1	• 2	•1		į			68	68		
667 65		• 1.		.0	•1	•0	• 3	.3	. 4		.1	•1						52	52	162	
64/ 63		• 0	• 1	1		• 2	• 1	.3	.3	• 2	.0	• 1						37	37		
62/ 61	• 0	. 1	• 1		• 2	• 1	•2		.0		•0							27	27		
60/ 59		_• 1	• 1		• 2	-1	•2	-1			•0							24	24	i	
58/ 57		• 0.	• 1	į	• 1	• 1	• 0			.0					•			10	10		
56/ 55				•1	•1		2		<u> </u>	•0								11	11	411	
54/ 53		~,		• 1			•0	, -	1	i					•			4	4	266 122	
<u>52/ 51</u> .	4	•0		•0	•0			• 1	<del>!</del> -	<del> </del> -					<del></del>			7 8	<del>-</del> 8		
50/ 49		• 0	• 1	•0	1	•0	•0	!	ļ						l			1	1	63	
48/ 47.	4	•-	•0						<del> </del>	├					<del></del>			3			
46/ 45	•	. 0	• 1,	!											l			1	_	10	
42/ 41	•	• 0	+						<del> </del>	<del> </del>				<del>`                                    </del>				2	— <del>أ</del>		
40/ 39		• 1			!	ļ		! !		1					İ		Ì	"	_	8	
יב יעד. 38/ 37	-								<del> </del>											1	
36/ 35				i	ī \$		;	1	1				i	,	i ,			! !		: -	
Element (X)		Σχ'			×		X	*,		No. O	5.				Mean N	lo. of H	ours wit	h Temperal	v:•		
Rel. Hum	_										•	= 0	F	32 F	¥ 67	F	73 F	- 80 F	. 93	F	Tota
Dry Bulb	_																				
Wer Bulb						_ _										i					
Dew Point .								<u> </u>							r						

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DAVIS MUNIMAN AFB ARIZONA (TUCSON) 41-45,48-75 4. 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | (F) 172 34/ 33 176 32/_31 150 30/ 29 28/ 27 126 94 26/ 25 <u> 57.</u> 24/_23.. 22/ 21 43 20/ 19. 18/ 17 35 23 13 16/_15 14/ 13 12/ 11 10/ 9 .6 1.1 1.3 2.5 3.1 4.6 5.8 8.110.613.011. 11.910.514.4 TÜTAL 3040 3040 O M 0 () 0 **0** ℃ 00 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 73 F | ≥ 80 F ± 32 F 2516389 76659 25.213.854 3040 Diy Bulk 81.9 8.884 58.3 5.097 93 20611338 248856 3040 87.3 79.6 Wei-Bulb: 10408794 177208 3040 3040 121033

DATA PRUCESSING BRANCH USAF ETAC PSYCHROMETRIC.SUMMARY AIR WEATHER SERVICE/MAC DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75 UCT PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 100/ 99 • 1 98/ 97 21 21 ŧ 967 95 70 .1 1.9 10 94/ 93 92/ 91 .5 108 108 .3 2.0 . Oi . 1 8 214 1.9 3.6 .0 . 2 214 .8 1.1 90/ 89 3.9 325 325 88/ 87 .71 1.5 299 299 2.5 2.0 2.3 . 1 . 0 322 86/ 85 2.5 322 2.6 84/ 83 .6 •9 1.7 2.3 1.8 1.6 288 288 • 0 .1 • 2 82/ 81 80/ 79 .3 8 1.3 1.9 1.9 1.21 250 250 - 1 . 1 211 211 .8 1.3 1.9 1.1 • 0 . 2 .0 .3 • 0 .9 78; 77 200 200 •5 .9 158 767 75 158 1.1 1.0 . 2 • 1 • 1 74/ 73 • 4 127 127 • 3 .6 .0 .6 5 • 4 72/ 71 .6 110 110 . 3 <u>.</u> 3 88 22 • 3 •5 . 1 -3 158 70/ 69 .4 .1 .5 65 65 601 68/ 67 . 2 •0 •1 48 16 66/ 65 134 •6 31 31 240 20 64/ 63 • 0, .2 • 1 . 21 • 1 -1 :11 395 22 30 30 62/ 61 • 1, . 1 .0 .0 60/ 59 22 22 547 34 • 1 • Ü • 1 58/ 57 17 533 35 • ol 17 • C: 69 567 55 467 .0 .0 6 6 54/ 53 274 86 52/ 51 133 94 • 0 • 1 5 112 50/ 49 104 48/ 47 1 71 141 5 19 152 46/ 45 • 0 2: 15 226 441 43 Og 427 41 239 11 267 407 39 248 387 2 36/ 35 223 40 5 202 34/ 33 Mean No. of Hours with Temperature Element (X) 1 32 F Rel. Hum. OSAFET. Dry Bulb

Dew Paint

DATA PRUCESSING BRANCH PSYCHROMETRIC SUMMA: / USAL ETAC AIR WEATHER SERVICE/MAC 23.39 DAVIS HUNTHAN AFB ARTZONALTUCSON) 41-45.48-75 1500-1700 HOURS (L. S. T.) PAGE 2 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 32/ 31 184 199 307 .29 .. 28/ 27 136 95 ... 5/ .. 25 68 24/ 73 22/ 21 58 35 20/ 19 18/ 17. GOVERNMENT PRINTING OFFICE -1974 762-610 12 16/ 15 147.13. 12/ 11 8 ( .10/ .6 1.5 1.0: 1.1 1.3 2.2 2.7 3.9 4.8 6.9 8.711.712.712.312.316.2 3045 3044 TATAL € € ( CBEVISE a € इ 0.20 2 0 E Element (X) No. Obs. Mean No. of Hours with Temperature USAreta? Rel. Hum. 2525973 € 67 F ≥ 73 F * 80 F 74729 24.515.074 ± 0 F ± 32 F 3044 93 61.7 C. Bulh 71506242 249006 81.8 8.947 3045 87.3 79.3 6.2 et Belb 57.9 4.899 176129 3044 10264049 2.8

3044

38.6 10.196

117501

93

Dew Point

4852009

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75

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C.

USAFETAC COM 0.26-5 (OL A)

## **PSYCHROMETRIC SUMMARY**

OC T

Temp.											SSION (							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pon
8/ 97		- (															•0	1	1		
14/ 93																	•1	3	3		
2/ 91					-								•0		• 0	.0	• 1	7	7		
0/ 89														• 1	. 2	.1	.4	24	24		
8/ 87		,		i	1	Ì	Ì				.0	•1	• 1	-4	•4	+4	• 4			ļ	
6/ 85			<b>-</b> -						.0		• 2	.3	.9	•9	.9	.6	• 2		122		
4/ 83			'	1	!	- 1	.0		• 1	.3	• 4	• 4	1.3	1.5	.8	.7	• 2	1	172		
2/ 81.									3	. 7	, ii	1.4	1.8	1.2	1.2	. 3	• 1	240	240		
10/ 79			1		-	.0	• 1	• 2	• 3	.9	1.4	2.0	2.4	1.4	1.0	• 1		304	304	i	
8/ 77				•0	• 1	2	•1	و ,	٠,6	1.3	2.0	1.9	2.1	1.1	ر .	.2		313	313		
16/ 75			1	• 0	• 2	. 2	• 4	• 7	1.0	1.3	2.1	2.4	1.6	•8	• 2			330	330	ļ	
4/ 73		i		<u>• 1</u>	• 1	• 2	.4	د.	•9	1.8	2.4	1.8	1.1	•2	• i	! 		294		<u> </u>	
2/ 71	- 1		• 3	• 1	• 2	• 2	.6	• 5	1.0	1.6	1.5	1.1	• 5	• 1				235	235	2	
0/ 69		• 2	• 2	.4	• 2	. 3	.5	• 8	1.4	1.2	1.3	. 8	• 2					236		9	
8/ 67		- 1	• 3	• 2	• 3	. 2	•6	1.0	1.2	1.0	-	• 5	• 2					197	197	40	Ć
6/ 65	4	<u>• 1</u>	• 4.	• 2	•5	.4	.4	• 6	.7	.5	16	• 2		<u> </u>	!			138	138	69	19
4/ 63	:	• 1	• 2.	. 3	• 3	• 5	.3	• 6	• 5		1	4	•0		]			113	113	126	- 26
2/ 61		•0	• 1	.2	• 1	.3	.3	• 4	. 5	.3		_ • 1						70	70	217	33
0/ 59	• 0	• 1	. 2	. 1	• 1	•2	• 4	• 1	ڊ .	•2		l						55	55	355	39
8/ 57		_ <u>•1</u> ;	.4	• 2	• 1	•1	.3	• 2	•1	-1	.0				<u> </u>			48	1	411	44
6/ 55	, '	• 2	• 2	• 1	• 1	• 2	• 1	• 1	•0	• •	ŀ							31	31	500	82
4/ 53		• 1	• 3	- 1	• 2		•0	•0							<b> </b>			23		440	103
52/ 51	I	• 1	• 1	•1	• 1	•0	• 1	• 1		1	1			1	1			14		334	122
0/ 49	!	_•1				•0	•0	-0		ļ	<b> </b>							10		225	114
3/ 47	1		• 1			1	•0	•0		<b>.</b>								4		132	168
6/ 45		• 1								<del> </del>	<b> </b> -			<u> </u>	<del> </del>			2		101	20:
4/ 43	,	• 0	• 0		•0													3	1 !	45	
2/ 41		• 1	• 0							<del> </del>	<del> </del>	<del> </del>			<del> </del>			<del>  ?</del>	1	21 18	212
10/ 39	• 0	1	- 1															1	1	2	
18/ 37		<del></del>								<del> </del>		<del> </del>						<del> </del>	<del> </del>		211
36/ 35		1								1				!	,					1	176
14/ 33												<del> </del>		-	<b>}</b> -			<del> </del>	+		15
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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC TOC T DAVIS MUNIMAN AFB ARIZONA(TUCSON) 41-45,48-75 Ĺ 1800-2000 HOURS (L. S. T.) PAGE 2 D.B. W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 Wet Bulb Dew Point (F) 109 28/ 27 118 .267. .25. 86 24/ 23 63 .22/ .21 . 20/ 19 43 43 15 7 18/ 17. 16/ 15 14/ 13. 5 12/ 11 .107. . . 9 8/ 6/ 4/ 2.9 2.2 2.5 3.0 4.0 6.1 8.911.614.413.312.3 8.0 5.1 HUTAL 3051 3051 EDITIONS OF ₹ 0.26-5 (OL FORM No. Obs. Mean No. of Hours with Temperature Element (X) O USAFETAC ≥ 80 F 93 F • 67 F = 73 F Ref. Hum. 3051 4075090 97960 32.117.460 73.8 8.037 Dry Bulb 77.2 23.5 1683 ±05 9377657 50.9 225281 3051 55.2 5.378 39.210.836 Wet Bulb 168351 3051 93 اكعذ Daw Point 5041355 3051

DATA PROCESSING BRANCH USAL ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 DCT 2100-2300 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 33 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 86/ 85 1 • O: 84/ 53 82/ 81 6 23 23 .1. •1 .0 . 2 • 2 80/ 79 . 0 . d: 34; . 4 . 3 131 787 77 1311 • 1 • 4 76/ 75 74/ 73 .9 .7 211 . 3 1.2 1.5 . 8 254 254 .5 1.1 1.4 1.0 • 2 8.1 6.1 8. 203 303 72/ 71 322 707 69 1.0 1.2 1.9 327 .6 . 0 2.2 • 1 1.0 .7 1.5 1.9 . 8 347 347 68/ 67 2.0 2.0 69 300 300 16 667 65 1.0 1.7 1.8 2.0 اد . .5 .8 .0 75 29 64/ 63 1.7 1.8 1.2 .5 278 278 .9 62/ 61 .9 1.0 1.3 1.0 216 216 .6 .8 1.1 173 173 201 31 60/ 59 1.0 70 104 587 57 • 2 .6 • 5 104 281 .31 90 90 335 86 56/ 55 .3 .6 . 0 . 3 547 53 69 69 400 TOT . 3 . 3 47 404 47 52/ 51 . 2 . 2 .0 133 50/ 49 . 3 . 3 • 2 • 2 • 1 48 369 . 2 . 2 • 1 265 22 132 22 48/ 47 •0 .0 46/ 45 • 0 .0 213 167 .1: •0 139 218 44/ 43 • 0 10 72 188 42/ 41 10 •0 40/ 39 38/ 37 58 228 22 196 .0 195 16 36/ 35 186 34/ 33 158 8 32/ 31 147 30/ 29 Š 137 28/ 27 0.26.5 111 26/ 25 24/ 23 82 80 22/ 21 65 20/ Element (X) Mean No. of Hours with Temperature SAFETAC Rel. Hum. ± 0 F ≤ 32 F

Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MONIHAN AFB ANIZONA (TUCSON) -1-45,48-75 2100-2300 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRE JON (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 18/ 17 42 28 16/_15 15 14/ 13 8 12/ 1L 10/ 9 _8/__7 . 6/ 5 2/ 3052 .1 2.9 3.8 4.0 4.3 7.7 9.113.315.514.612.0 7.6 3.4 TOTAL 3052 3052 REVISED MEVIOUS EDITIONS OF 0.26-5 (01.) FORM JUL 64 No. Obs. Element (X) Mean No. of Hours with Temperature SAFETAC 120337 39.418.718 3052 ≥ 67 F = 73 F = 80 F = 93 F 5813705 Dry Bulb 51.3 13774934 203776 66.8 7.447 3052 52.3 6.175 38.911.482 Wer Bulb 159633 846585 i 3052 118576 500910a

3052

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75 NUV 0000-0200 HOURS (L, S, T,) PAGE 1

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ſ DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC NUV 23109 DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 €. 0000-0200 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL
D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) €. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 4/ 3 2/ 0/-1-2/ -3. -4/ -5 -61 -7 -8/ -9 2962 2962 TÚTAL. 2963: .4 7.8 9.610.213.414.016 2962 (OL ( No. Obs. Element (X) Mean No. of Hours with Temperature USAFETAC ± 0 F 141522 153373 47.820.984 2962 ≤ 32 F 3065622 Dry Bulb 153373 51.6 7.121 125108 42.2 5.517 90 2963 8089209 2962 Wet Bulb 90 5374406 Dew Point 2962 89571 30.210.432 3030853

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 23109 DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,43-75 111111 PAGE 1 0300-0500 HOUPS (* . S. T.) WET BULB TEMPERATURE DEPRESSION (F) Icmp 1 TOTAL TOTAL (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.B. Dry Bulb Wet Bult Dew Point .0 72/ 71 ī 1 70/ 69 10 10 68/ 67 .0 8 8 .0 66/ 65 . 0 22 22 64/ 63 • 0 • 0 • 1 ٠2 .5 . 2 39 1 62/ 61 .0 86 86 59 154 154 60/ • l • 1 . 3 . 2 .0 1.0 1.1 1.4 . 4 58/ 57 . 8 .7 1.1 213 213 . 6 . 9 56/ 55 1.2 1.8 1.8 2.1 1.0 293 293 15 11 2.1 2.8 2.0 54/ 53 1.0 1.4 331 331 19 . 1 46 52/ 51 .7 1.2 1.5 2.4 2.9 1.7 333 333 65 • 6 .0 16 :.0 2.0 2.0 2.3 1.6 50/ 49 326 326 133 .7 487 47 • 1 .4 1.1 1.7 2.4 1.4 1.3 208 268. 238 51 46/ 45 .0 1.0 1.4: 1.4 1.1 . 3 241 241 Ĺ 44/ 43 .9 1.1 1.0 1.0 177 397 85 1.1 . 1 ·7' . 9 42/ 41 . 8 •0 126 127 428 142 407 39 .2 1.0 • 5 106 106 426 .6 .1 161 € 197 38/ 37 •1 •7 1•0 . 8 99 99 280 .9 36/ 35 . 2 • i . 4 68 58 230 218 347 33 36 36 186 213 1 327 31 204 •0 11 108 • 0 ĪΪ 30/ 29 .21 8 8 56 257 28/ 27 . 0 16 205 C 26/ 25 184 23 24/ 3 194 165 C 207 18/ 1,7 101 16/ € 5 105 14/ 13 0.26.5 75 12/ 11 48 10/ 40 8/ 18 FORM NI 64 6/ 18 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≤ 0 F ± 32 F ≥ 73 F ≠ 93 F Dry Bulb Wet Bulb Dew Point

DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR NEATHER SERVICE/MAC DAVIS MONIMAN AFE ARIZONALTUCSON) 41-45.48-75 PAGE 2 C300-0500 TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 7 - 8 4 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 D.B. W.B. Dry Bulb Wet Bulb Dew Point × 31 4/ 3 2/ 1. -2/ -3 <u>-4/. -5</u> -6/ -7 TUTAL 2957 2957 2957 ERNMENT PRINTING OFFICE -1974 762-510 0.26-5 (OL A) FOEM 101 64

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2 67 F | ≥ 73 F | ≥ 80 F

± 32 F

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DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MONTHAN AFB ARIZONALTUCSON) 41-45,48-75 YUN 0600-0800 PAGE 1 HOURS 10. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Wet Bulb Dew Point 72/ 71 .0 .0 21 70/ 69 15 . 1 . 1 15 68/ 67 . 1 .1 .0 66/ 65 72 72 64/ 63 .3 .0 62/ 61 . 3 . 8 110 110 • 0 . 3 190 **1**90 59 1.0 60/ 1.4 . 3 234 291 234 58/ 24 56/ 1.9 2.0 .0 1.1 1.2 1.8 2.0 53 276 49 541 . d: 19 308 82 308 521 51 .0 • 5 1.2 1.3 2.0 2.9 . 3 •0 35 50/ 49 .8 1.2 1.8 1.8 2.6 1.6 321 321 148 . 8 271 271 271 48/ 47 1.2 1.6 1.9 1.6 1.5 • 1 .6 • 0: .8 1.5 325 69 215 215 46/ 45 .9 1.6 93 .0: 1.0 382 447 43 •1 .9 1.0 1.2 . 6 165 165 131 415 • 9 131 41 .7 42/ . 8 .4 -6 162 105 395 40/ 39 . 7 105 37 35 <u>• 5</u> <u>.</u>5 83 83 280 174 387 . 5 62 62 220 220 36/ . 3 • 0 • 5 • 0 216 150 33 33 • 0 31 . 3 15 15 120 234 32/ .0 . 1 • Ī • 0 В 移 55 232 30/ 29 .0 •1. •1. 1 17 28/ 1 205 25 193 26/ 2 217 24/ 23 22/ 21 152 19 114 20/ 91 18/ 17 135 16/ 60 14/ 13. 49 12/ 28 10/ 27 8/ 15 Element (X) No. Obs. Mean No. of Hours with Temperature ± 0 F Rel. Hum. ≥ 93 F

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Dry Bulb Wer Bult

Dew Point

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1 DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC -(3): DAVIS MUNIHAN AFB ALIZONA (TUCSON) 41-45.48-75 VUV ₹ PAGE 2 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F, TOTAL 1 (F) D.B. W.B. Dev Bulb Wet Bulb Dew Poin 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 41 2/ 1. 0/ -1 -2/ -3.. -4/ -5 .46/ .. = 7 .. -8/ -9 10/-11 .7 8.210.611.713.515.515.311.6 7.9 3.6 1.0 2955 GOVERNMENT PRINTING OFFICE -1974 TUTAL 2954 €. £ micao € C 762-610 O **0** ရ Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 2954 2 67 F 2 73 F 144538 48.920.685 ± 32 F Total 8335624 Dry Bulb 7739630 50.6 7.509 149594 2955 90 Wet Bulb 2954 5194551 122701 41.5 5.758 90 6.1 29.910.148 2950325 2954 88413 90 K 100

4 DATA PROCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC C DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75 T PAGE 1 0900-1100 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TOTAL £. D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 .0 86/ 85 ī 84/ 83 Q 82/ 81 ٠ź 19 19 . 1 80/ 79 78/ 77 52 52 78 78/ 78 • 0 . l . 5 •5 . i <u>767 75</u> 126 126 74/ 73 72/ 71 153 153 1.3 1.3 .5 .5 • L 189 189 70/ 69 .8 1.4 220 220 2.1 .0 68/ 67 <u>.</u>6 - 8 244 244 234 2.2 66/ 65 .0; .3 .6 .8 1.5 1.2 • 2 234 64/ 63 2.0 262 262 3 1.8 247 .8 1.0 1.8 247 62/ 61 . 3 . 8 • 1: 230 1.3 230 40 60/ 59 1.5 1.3 .6 58/ 57 200 200 109 •6 1.4 • 1 •0 1.0 56/ 55 .5 .9 . 9 1.0 169 169 161 17 . 3 .6 .0 286 20 54/ 53 • 1 •9 146 146 527 51 119 369 50/ 49 78 449 78 • 1 . 3 • 6 • 6 • 4 54 72 445 48/ 47 .6 54 .2 • 2 • 2 . 2 46/ 45 50 50 339 94 • 3 • 2 • 2 27 118 277 .0 27 44/ 43 •0 • 0 42/ 41 • 2 18 18 192 156 • l: • 1 • 1 •0 40/ 39 134 172 37 • 0 11 80 210 38/ 11 • 1 • 1 240 246 .0 36/ 35 35 341 33 17 .0 228 æ 32/ 31 30/ 235 C ₫ 28/ 27 163 26/ 25 204 24/ 23 146 22/ 21 122 91 20/ 19 No. Obs. Mean No. of Hours with Temperature USAFETAC ≥ 67 F ≥ 73 F ≥ 80 F ≠ 93 F Total Dry Bulb Wet Bulb

TO THE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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Dry Bulb																					

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45,48-75 VOM YEARS 1200-1400 HOURS (L. S. T.) PAGE 1

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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84/ 83			•	1		i .	ļ			.0	• 3		• 2	.8		.5		luó,	107	•	_
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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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## **PSYCHROMETRIC SUMMARY**

23109 DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45,48-75 NUV
STATION NAME YEARS MONTH

PAGE 2 1200-1400 HOURS (L. S. T.)

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DATA PRUCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 23109 STATION DAVIS MONTHAN AFB ARIZUNALTUCSON\$ 41-45,48-75 NOV STATION NAME YEARS MONTH \$ 1500-1700 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL T D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 90/ 89 15 88/ 87 £. 45 45 86/ 85 • 3 • 3 • 8 87 . 8 84/ 83 86 82/ 81 1.6 156 156 • 2 • 5 C 807 79 1.8 222 222 2.0 . 8 78/ 77 2.6 250 250 76/ 75 74/ 73 . 6 . 9 292 292 . 3 252 1.8 2.3 • 3 252 727 71 .6 237 237 250 70/ 69 • 6 • 6 250 687 67 .6 224 224 .1 .8 1.1 66/ 65 1.2 1.3 165 1.0 .6 165 9 158 158 64/ 63 134 134 22 62/ 61 • 0 • 5 60/ 59 87 . 2 110 110 14 15 58/ 57 . 5 • 2 • 2 89 150 ٠į 89 75 .3 56/ 55 .6 75 362 54/ 53 52/ 51 13 32 • 3 .6 •5 • 1 973 69 461 .2 563 38 38 50/ 49 32 32 452 35 • 2 • i • 1 • 1 47 487 23 23 320 56 46/ •0 179 86 447 43 • 0 9 149 106 105 42/ 41 3 3 152 • 1 39 6 54 407 . 2 6 182 • 0 20 199 38/ 37 <u>36/ 35</u> 217 33 347 219 (, ಕ್ರ 1 31 246 0.26-5 30/ 29 209 28/ <u>27</u> 26/ 25 177 214 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. Dry Bulb Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC VUV 23109 DAVIS MUNIHAN AFB ARIZUNA(TUCSON) 41-45.48-75 PAGE 2 C 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 161 22/ 21 <u>114</u> 201 19 112 18/ 17 71 43 14/ 13 12/_11 21 107 **່** ዓ **- 7** 8/ 67 5 47 3 2/ 1 -2/ -3 -4/ -5 TŬTAL 2949 4.3 5.3 7.3 8.9 9.912.012.112.510.1 FORM ARE OBSOLETE 2949 2949 THIS EDITIONS CF PEVISED PREVIOUS 8 (ಿ ಠ 0.26.5 Element (X) No. Qbs. Mean No. of Hours with Temperature 27.016.013 70.0 9.049 ≥ 80 F ≥ 93 F Rel. Hum. 2949 ≤ 32 F ≥ 67 F ≥ 73 F 2909292 79688 Dry Bulh 2951 14714882 206666 90 Wer Bulb 50.7 4.837 2949 766069Û 149626

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DATA PROCESSING BRANCH 3 USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 STATION DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 MONTH PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 1 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 82/ 81 80/ 79 78/ 77 19 19 38 38 76/ 75 .1 93 74/ 73 72/ 71 73 .0 . 5 .2 93 143 143 202 202 70/ 69 2.0 . 1 68/ 67 66/ 65 292 292 1.7 303 303 . 1 .0 2.3 • 1 1.9 297 647 63 297 .6 2.4 1.9 . 3 1.5 279 280 •5 62/ 61 • 1 291 291 1.5 60/ 59 1.6 587 57 . 8 1.4 1.0 219 219 . 2 1.0 1.5 186 . ż 186 103 56/ 55 541 53 . 2 .6 1.0 146 146 219 52/ 51 . 8 139 139 356 . 2 . 2 496 105 105 50/ •6 483 487 47 . 3 • 4 64 64 . 2 .6 • 3 461 45 61 422 .0 • 2 .5 .6 • 0 ģ1 • 2 43 30 30 283 42/ 41 40/ 39 38/ 37 24 234 157 24 • 3 155 194 ٠Ô 228 . 1 . 0 .0 () 40 251 367 35 34/ **3**3 32/ **3**1 244 15 236 31 29 218 30/ 16Ö 28<u>7 27</u> 26/ 25 24/ 23 159 O ₫ 145 124 20/ 19 18/ 17 <u>116</u> 106 10 E No. Obs. Element (X) Kaan No. of Hours with Temperature O OSAFETAC Rel. Hum. Dry Bulb Dew Point

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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USAFETAC

## **PSYCHROMETRIC SUMMARY**

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DATA PRUCESSING BRANCH UŞAF ETAC AIR WEATHER SERVIÇE/MAC

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USAFETAC FORM -0.26-5 (OLA)

# PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC 23109 DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45.48-75 1 PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F)

1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) T 4/_ 8 0/ -1 -2/ -3 -4/ -5 -8/ -9 -10/-11 .5 5.0 7.6 9.110.613.414.216.411.7 7.1 2.9 1.4 TOTAL 2959 2959 2959 2959 O g Element (X) No. Obs. Mean No. of Hours with Temperature 44.520.290 54.7 7.067 44.0 5.291 Rel. Hum. 7086068 131774 2959 Dry Bulb 8990781 161761 2959 Wet Bulb 5799043 130055 2959 90

Dew Point

DATA PROCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 DEC 23109 PAGE 1 0000-0200 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL €. 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Dry Bulb Wet Bulb Dew Point (F) .0 66/ 65 •0 .0 64/ 63 1 24 62/ 61 24 · l . 3 48 48 60/ 59 105 105 58/ . 8 . 5 . 1 C 56/ 141 166 23 166 1.3 .7 284 46 23 284 2.5 303 303 77 28 50/ .6 1.0 315 152 35 315 487 326 45 1.8 2.1 2.0 • 5 326 210 46/ 333 333 230 139 2.2 303 353 .0 2.1 2.1 303 427 427 139 . 8 258 258 39 2.3 40/ 149 425 210 149 387 37 1.0 108 406 196 108 35 .0 36/ • 6 90 90 295 189 33 175 41 205 41 327 31 .6 . 2 24 134 29 •1 30/ • 5 14 14 62 265 27 287 265 20 25 26/ 188 23 21 24/ 168 221 ( 102 20/ 19 129 17 18/ 109 16/ 15 78 13 14/ 58 37 C q 10/ 35 8/ 0.26.5 15 61 4/2/ 18 3 6 No. Obs. Mean No. of Hours with Temperaturs Dry Bulb Wet Bulb

AIR WEATHER SERVICE/MAC 23109 DAVIS MONIHAN AFB ARIZONALTUCSON) 41-45.48-75 0000-0200 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.8./W.B. Dry Bulb Wet Sulb Dew Point 1 -2/ -3 -4/ -5 3055 TÖTAL .914.316.915.515.714.511.1 7.5 2.6 3054 3054 3054 **€** 0 0.26.5

3054

3054

3054

170127

139789

118221

55.721.403 45.8 6.912 38.7 5.710 ± 32 F

2.6

DATA PROCESSING BRANCH USAF ETAC

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

**PSYCHROMETRIC SUMMARY** 

267 F 273 F 280 F 293 F

DATA PROCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23169 STATION DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45,48-75 DEC MONTH PAGE 1 0300-0500 HOURS (L. S T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL € (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point •0 64/ 63 .0 . 1 ٠Ò 17 62/ 61 €. 43 43 60/ 59 . 2 • 3 . 3 -1 53 58/ 57 53 .0 • 4 103 103 56/ 55 . 3 .6 . 3 54/ 148 148 .4 52/ 218 218 38 13 9. 2.0 285 285 67 30 1.0 507 112 24 2.2 48/ .9 1.4 +0 264 264 45 . 3 358 358 161 467 109 302 230 302 441 43 2.0 2.0 .6 41 39 275 1.5 2.0 2.9 2.7 327 327 111 427 318 318 401 2.6 2.3 1.6 40/ •1 1.3 199 199 439 167 387 1.6 367 35 1.4 1.8 1.4 171 171 420 131 325 93 224 93 34/ 33 •9 .2 . 8 32/ 31 66 66 243 189 • 7 250 176 41 42 30/ 29 •7 • 3 251 257 . 3 • 3 • 0 • 3 26 91 28/ 27 26 38 7 26/ •1 •0 • 1 245 • 1 6 6 13 24/ ٠Ó <u>22/</u> 20/ 6 150 128 18/ 17 123 113 16/ 13 95 14/ 12/ 10/ 8 32 () ರೈ 87 67 O.26.5 41 2/ 0/ 12 MQ 12 Element (X) Rel. Hum. Dry Bulb Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 23109 DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45.48-75 DEC 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 -4/ -5 -6/ -7 1.215.917.816.915.614.9 9.4 5.8 2.0 .1 3050 FÓTÀL 3050 GOVERNMENT PRINTING OFFICE - 1974 C) g No. Obs. Mean No. of Hours with Temperature Element (X) ] OSAFETAC 3050 11275607 173785 Dry Bulb 135086 6130182 3051 4.5 114834 Wet Bulb 3050 17.4

57.021.225 44.3 6.992 37.7 5.789 28.2 9.935 4425726 2722851

\$270.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

USAFETAC 10th 0.26-5 (OL A)

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94/ 53	<b>587 57</b>		.1	٠Ž	.5	.6	.4	. 3	.5	1	.0	ļ	1					82	82		
94/ 53	56/ 55	• 1	1.1	.4	•5	• 3	.8	• 0	.4	.0				T					97		
50/ 49 -1 -9: -8 1.1 1.0 1.6 1.8 1.0 3   260 260 74 22 48/ 47 1.0 -8 8 1.8 2.2 1.6 0.7 .1   270 270 100 31 46/ 45 1.1.3 1.9 1.5 1.9 2.1 1.2 .2   312 312 145 48 44/ 43 -1 1.8 1.8 2.3 1.9 1.5 1.9 2.1 1.2 .2   325 325 218 99 40/ 39 -3 2.1 2.3 3.0 1.4 1.1 .0 .0   317 317 358 150 38/ 37 -0 1.4 1.8 1.9 1.0 .5   320 202 445 174 36/ 35 1.8 1.7 1.4 .8 .0   176 176 402 157 34/ 33 -1 1.0 1.0 1.0 .5   3 .0   124 1.2 4 354 217 32/ 31 -1 1.0 1.0 .5   3 .0   124 1.2 4 354 217 32/ 31 -1 1.0 1.0 .5   3 .0   124 1.2 4 354 217 32/ 31 -1 1.0 1.0 .5   3 .0   124 1.2 4 354 217 32/ 31 -1 1.0 1.0 .5   3 .0   124 1.2 2 2 2 7 181 30/ 29 -0: 64 .2 .0   99 91 16 250 22/ 23 -0 .0 .1 .1 .1 .1   209 26/ 25 -0 .1 .1 .1   209 26/ 25 -0 .1 .1 .1   209 26/ 25 -0 .1 .1 .1   209 26/ 25 -0 .1 .1 .1   209 26/ 27 -2 .5 .1 .1   209 26/ 27 -2 .5 .1 .1   209 27/ 21   11   11   12   209 28/ 27 -2 .5 .1 .1   209 28/ 27 -2 .5 .1 .1   209 28/ 27 -2 .5 .1 .1   209 28/ 27 -2 .5 .1 .1   209 29/ 29/ 114 209 29/ 29/ 114 209 29/ 29/ 114 209 29/ 29/ 114 209 29/ 29/ 114 209 29/ 29/ 114 209 29/ 29/ 114 209 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/	54/ 53						1.3	1.0	.3	1	i		1	_				150	150		
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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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FORM 0.26-5 (OLA)

O OSAFETAC

231C9 DAVIS MUNIHAN AFB ARIZONA(TUCSON) 41-45.48-75

emp.										DEPRE								TOTAL		TOTAL	
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4/ -5 0/ -7																					
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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45,48-75 0900-1100 HOURS (L. S. T.) PAGE 2 TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 12/ 11 10/ 9 50 34 Ü 11/ 6/ 20 ó 5 2/ 0/ =1 -2/ =3 -4/ =5 -6/ =7 -10/-11 12/-13 0 Ö 7.6 9.912.112.413.212.910.6 3053 3061 •0 O 3058 3058 0 0 **O**g 6903418 131806 43.119.996 54.4 8.326 ≤ 0 F ≥ 67 F ≥ 73 F ≥ 90 F ≥ 93 F <u> 3058</u> ≤ 32 F Dry Bulb 166468 9265230 3061 132384 5824668 43.3 5.534 3058 90882 3058

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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FORM 0.26-5 (OLA)

## **PSYCHROMETRIC SUMMARY**

109 DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

STATION STATION NAME

PAGE 1 1200-1400
HOURS (L. S. T.)

							WET		FEMBER	ATUDE	DEBBE	SSION (	E١						TOTAL		TOTAL	
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	79				<u> </u>							.0	•1	•2	•2	•2	•2	<del>                                     </del>	29	29	-	
	77							•0			.1	.0	. 2	.5	.3	3	.0		43	43		
	75				i				•1	•1	•2	.4	.8	1.4	.7	•2	<u> </u>	<del> </del>	118	118		
	73							• i	.1	i	.5		1.3	1.3	.6				141	141		
	71				1				•0	• 2	•7	1.5	2.0		•6	.0		<b></b> -	186	186		
	69						.1		.4	. 6	1.4	2.1	2.2		•2				257	257	Į į	
	67						• 2	• 3	•4	1.3	1.9	2.3	1.7	•7		 I			269	270		
	65				•0		•2	.5	1.1	1.8		2.1	1.1	•2	•0				280	280		
64/	63			• 1	•0	• 1	• 2	•6	1.1	1.7	2.4	1.9	•6	•0					266	266		
	61				•0	• 2	.6	1.3	1.3	2.0	1.6		•0						245	245	8	
60/	59			•2 •2	.4	.5	•9	1.0	1.8	1.4	.9	.5							245	245		
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**PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 23109 DAVIS MONTHAN AFB ARIZONALTUCSON) 41-45.48-75 DEC 1 1200-1400 HOURS (L. S. T.) PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 23 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 110 16/ 15 64 12/ 11 10/ 9 42 28 30 7 8/ 6% 3 41 0/ -1 -2/ -5 6 -21 -4/ -5 -6/ -7 -10/-11 3057 3054 2 1.7 2.7 3.3 6.6 7.9 9.610.711.512.612.5 LUTAL 3054 3054 ₹ C ₫ Element (X) No. Obs. Rel. Hum. 3054 ≤ 0 F ≤ 32 F 2 67 F 2 73 F 4311716 101124 33.117.763 Dry Bulb 190304 62.3 8.725 3057 93 143336 Wet Bulb 6807080 46.9 5.112 3054 93

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DATA PRUCESSING BRANCH

Dew Point

DATA PROCESSING BRANCH USAF ETAC 3 **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75 DEC C PAGE 1 1500-1700 HOURS (L. S. T.) , Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL • D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | .0 2 84/ 83 •0 82/ 81 g 20 80/ 79 20 . 2 • 1 78/ 77 76/ 75 41 . 3 . 2 41 115 115 •0 •0 747 73 134 134 168 168 72/ 71 1.1 1.5 • 5 258 258 70/ 69 •6 2.6 2.4 278 . 5 68/ 67 • 0 1.2 2.0 2.6 1.6 • 7 278 66/ 65 1.8 2.3 2.8 295 295 . 8 . 1 258 •0 •,3 1.5 1.8 2.0 •0 258 ^235 67.7 61 235 60/ 59 241 242 •4 •2 . 8 1.5 1.5 • B 1.6 . 9 209 33 208 58/ 57 1.5 . 8 .6 1.2 . 8 56/ 55 .7 1.3 1.1 1.0 • 0 197 197 87 5 • 5 1.1 .7 1.3 .6 .4 • 7 161 161 180 54/ 53 339 •0 TII 52/ 51 ,3 .5 .6 111 489 507 49 .0 108 108 44 .6 62 536 59 48/ 47 • 4 • 2 62 .6 72 486 72 á8 46/ 45 44/ 43 .3 37 37 321 102 •0 ٠į • 3 •0 . 2 20 20 211 100 421 41 .1 .0 158 120 40/ 39 • 1 •1 13 13 38/ 37 101 51 193 36/ 35 • 0 28 204 34/ 33 32/ 31 • 0 248 234 30/ 29 209 185 26/ 25 267 193 24/ 23 152 22/ 21 20/ 19 133 145 ΣX No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC Rel. Hum. 1 32 F Dry Bulb Wet Bulb

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

FOLM 0.26-5 (OL A)

**O** USAFETAC DAVIS MUNTHAN AFB ARIZONA (TUCSON) 41-45,48-75

															LAND						
										_								PĄG	E 2	1500 HOURS	-170 c. s. t.)
Temp.		,	,		<del>,</del>	WET	BULB	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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ement (X)		Σχ²			Σχ	$\top$	X	· ·		No. Ob	s.			·	Mean N	o. of H	ours with	?emperat	ure		
l. Hum.		437	0853	-	1009	49	33.0	18.4	37	30	59	± 0 1	F	≤ 32 F	z 67		73 F	* 80 F	1 × 93 F	-	Total
Bulb	_	1200	3207		1898	63	62.0	8.00	7	30			$\neg$	•0	<del></del>		9.8				9:
t Bulb		674	6903		1428	57	46.7	4.90	16	30				6				•	-		9
w Point	_	292	2043		893	43	29.2	10.1		30	60		. 3	58.3							9

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45,48-75

\RS

DEC

PAGE 1 1800-2000

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 74/ 73 .0 ī 72/ 71 70/ 69 .1 21 21 • 2 687 67 40 40 66/ 65 .0 •0 . 3 8. •3 • 3 •0 87 87 64/ 63 .0 141 141 62/ 61 .0 .0 .6 . 6 1.6 1.3 . 2 2.1 218 218 60/ 59 1.3 2.1 2.8 299 299 58/ 57 1.6 1.8 2.7 1.4 306 306 •0 6 1 56/ 55 · 3 2.5 1.8 1.8 337 337 19 54/ 53 • B 1.3 2.0 2.1 324 76 324 13 52/ 51 90 306 306 29 507 49 .6 .9 1.6 1.4 2.0 277 277 250 35 48/ 47 . 9 .6 1.8 1.3 232 232 338 47 46/ 45 .0 • 8 176 89 176 486 1.2 • 2 1.0 .6 . 6 .0 102 102 484 42/ 41 • 1 •6 • 3 .4 64 421 147 64 407 39 .6 • 6 . 0 . 6 .1 76 337 76 186 38/ 37 • 2 • 3 24 24 239 182 36/ 35 • 3 •0 21 162 21 201 34/ 33 .0 • 1 82 239 32/ 31 30/ 29 50 222 .0 10 264 27 25 8 .0 26/ 24/ 21 151 20/ 19 129 18/ 17 93 16/ 15 92 14/ 13 69 12/ 11 61 10/ 30 8/ 18 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10F × 93 F Dry Bulb Wet Bulb Dew Point

5 (OL A) RETAIN REPORT DESIGNATION OF THIS FOLK ARE OLD OLLER

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/HAC DAVIS MONTHAN AFB ARIZONA (TUCSON) 41-45.48-75 DEC 1800-2000 HOURS (L. S. T.) PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 21 D.B./W.B. Dry Bulb Wet Bulb Dew Point 6/ 16 5,1 7 1 0/ -1 -2/ -3 -4/ -5 -io/-ii Tutal 3061 3061 3031 3061 C mono O 0 **O** s 0.265 Mean No. of Hours with Temperature Element (X) No. Obs. . Rel. Hum. * 80 F | * 93 F ≤ 0 F 1 32 F 7304316 136492 44.619.951 1608 ≥ 67 F ≥ 73 F Dry Bulb 164299 53.7 6.947 8966421 3061 Wet Bulb 5784675 93 132157 43.2 5.077 3061 Dew Point 93 92482

DATA PROCESSING BRANCH 3 **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC DEC DAVIS MONTHAN AFB ARIZONA(TUCSON) 41-45,48-75 C 2100-2300 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point •0 7 68/ 67 .0 66/ 65 22 22 64/ 63 .0 . 2 .0 . 1 •0 37 62/ 61 •0 37 .5 . 8 80 80 ٠Ž • 1 60/ 59 . 2 O 162 162 . 8 58/ 57 • 5 56/ 55 187 187 8 300 300 27 27 308 308 43 52/ 51 .6 1.0 348 348 121 50/ 49 47 373 373 163 2.4 2.4 48/ 356 356 242 467 45 2.1 1.2 1.5 275 362 110 43 1.5 275 42/ 41 40/ 39 183 183 468 1.3 163 163 460 201 1.0 . 8 .0 112 391 207 387 37 . 6 112 .4 • 2 73 289 36/ 35 1.0 .0 35 35 223 184 34/ 33 . 2 .0 31 17 131 32/ 17 211 • 2 • 1 29 · Ì 16 16 81 272 307 25 234 28/ 26/ 27 25 23 10 230 161 24/ 153 22/ 20/ 19 109 102 187 104 16/ 15 છે. છે. છે 91 14/ 60 12/ 34 30 8/ 22 13 Mean No. of Hours with Temperature Element (X) ± 32 F Dry Bulb Wet Buib

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAG DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-45.48-75 T PAGE 2 2100-2300 HOURS (L. S. T.) TOTAL TOTAL
30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) €. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 0/ -1 =2/ =3 -4/ =5 =6/ =7 C TÖTAL .9 9.415.614.713.816.014.110.1 3.9 1.4 3058 3058 • 0 C 3058 3058 C €, C mono O Element (X) No. Obs. 9757866 52.520.878 2058 ≤ 32 F 160514 93 Dig, Bulb 7180651 48.0 6.606 146801 3058 Wen Bulb 5003674 122580 40.1 5.427 93 3058

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **MEANS AND STANDARD DEVIATIONS**

DRY-BULB TEMPERATURES DEG F FRUM HOURLY OBSERVATIONS

23109 DAVIS MUNIMAN AFB ARIZONA (TUCSON) 41-46,48-76

STATION			STA	TION NAME				·		YEARS			•	
HRS (L S.T.)		JAN	FEB.	MAR.	APR.	MAY	NUL	JUL ,	AUG	SEP	700	NOV	DEC	ANNUAL
	MEAN	44.4	46.5	56.6	57.6	65.7	74.9	79.5	77.7			51.8	45.8	61.
50-00	SD	7.255	7.400	7.217	6.963	6.658	6.601	4.690	3.958	5.520	7.263	7,121	6.912	14.28
	TOTAL OBS	3137	2706	2968	2855	2959	2862	2932	3057	2949	3050	2963	3054	3555
													1	
	MEAN	42.9			54.0	61.6	79.7			71.1				58.
03-05	S D	7.254			6.800			4,013	3.566					13,81
	TOTAL OBS	3147	2711	2964	2862	2961	2864	2977	3055	2949	3043	2958	3031	3554
					L									
	MEAN	42.4												60.
06-08		7.441						5.221	4.540	6.292				15.33
	TOTAL OBS	3146	2713	2969	2865	2963	2869	2979	3063	2948	3050	2955	3052	3557
													- 1	
	MEAN	52.7												71.
09-11		8.460	1 : .			7.773								15,45
	TOTAL OBS	3141	2709	2967	2867	7949	2867	2074	3062	2944	3047	2949	3061	3553
				<u></u>										
	MEAN	60.9	63.8			86.1	94.6	94.6	92.7					78.
12-14		8.969	1 7 2	1										14,99
	TOTAL OBS	3140	2714	2966	2864	2949	7837	2963	3061	2950	3040	2951	3057	3549
			1		70 0	11 44 44	<del></del>	200	- 20 2				(2.0)	79.
١ ]	MEAN	61.6												
15~17		8.985												15.14
	TOTAL OBS	3141	2709	2962	2862	2950	2832	2956	3054	2946	3045	2951	3061	3540
	MEAN	53.6	57.9	63.2	72.1	31.7	90.6	89.4	87.2	84.4	73.6	61.2	53.7	72.
18-20	- 1	7.576						7.651						15.57
10-20	TOTAL OBS	3	1 7										K	3550
		219.	2100	2700	2001	2730	, <u>, , , , , , , , , , , , , , , , , , </u>	2701	300	2,740	1 - 1/2		3001	
	MEAN	47.4	51.0	55.7	63.8	72.7	81.0	83.3	81.2	77.8	66.R	54.7	48.0	65.
21-23		7.087												14.88
~ ~ 7	TOTAL OBS	9												3552
				ļ									-	
All	MEAN	50.7					84.1							68.
HOURS	S D			11.689	12.073	11.777	21,159	3.908	8.410		11.397	11.209	10.319	16.82
HOUKS !	TOTAL OBS					23646							24455	28419

USAF ETAC 없었 0-89-5 (OL 1)

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### MEANS AND STANDARD DEVIATIONS

HET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23109

DAVIS HONIHAN AFB ARIZONA(TUCSON)

41-46,48-76

STATION			STA	TION NAME					-	YEARS		-	-	
HRS (L.S.T)		JAN,	FEB	MAR.	APR	MAY	JUN.	JUL	AUG	SEP	ост	NOV	DèC [	ANNUAL
	MEAN	37.7	38.8	41.0	43.9	48.0	54.6	65.6	66.2	59.9	51.0	42.2	38.7	49.
00-02	S. D	5.985	6.098	5.251	4.812	4.918	5.866	4.301	3.857	5.722	6.472	5.517		i1.40
[	SEO JATOT	3136	2706	2967	2865	2959	2858	2973	3051	2944	3030	2962	3054	3552
														************
	MEAN	36.6				46.1			65.5					
03-05	1 1	6.133	7 - 5 1							5,888	6,595			
	TOTAL OBS	3146	2711	2964	2862	2960	2861	2968	3046	2943	3040	2957	3050	3550
	MEAN	36.2				49.1	- , ,		66.4					48,
06-08	1 1	6.204				5,321			3.569				,	12.07
	TOTAL OBS	3145	2713	2967	2865	2960	2866	2971	<b>305</b> 6	2941	3047	2954	3049	3553
	MEAN	42.1	43.7	46.4	50.2		(0.0	60 /	68.9	64.3	56.4	48.0	: 43.3	53.
09-	S D	5.927				54.66 4.433								
U 7-	TOTAL OBS	7 7 7											- 1	
	IOIAL OBS	3141	2709	29/15	2867	2946	2865	2970	3061	2938	3047	2949	3058	3551
	MEAN	45.9	47.0	49.0	52.6	56.7	62.2	69.2	69.6	65.3	58.2	51.0	46.9	56.
12-14	S D	5.553												9.59
•	TOTAL OBS	3140		1		2946					3040		t . н	3545
			-							- 3	T. Z			
	MEAN	46.0	47.2		52.0	56.9	62.4	65.9	69.1		57.9		46.7	56.
15-17	SD	5.324	5.222	4.639	4.285	3.957	3.896	3.196	3.125	3,943	4.899	4.837	4.966	9.35
	TOTAL OBS	3141	2706	2959	2861	2941	2832	2951	3052	2943	3044	2949	3059	3543
	MEAN	12.7	44.4										43.2	53.
18-20		5,406				4.053								10.04
	TOTAL OBS	3133	2706	2959	2861	2951	2845	2954	3060	2945	3651	2954	3061	3548
	MEAN	30 5	/ 3 9	. A 5	/ 4 9	6(1 4		26.4	44 0	61 1	B 2 2		40 1	
31 25		39.5 5.817									52.3			30.
Š1-53	TOTAL OBS													
	TOTAL OBS	3132	2706	2952	2863	2951	2847	2974	3050	2947	3052	2959	3058	3550
	MEAN	40.8	42.1	44.4	47,9	52.1	58.2	67.2	67.6	62.2	53.9	45.7	41.7	52,
ALL	S D	6.868					6.107	4.050	3.736					
HOURS	TOTAL OBS			23707	22708	23514	22808	23720	24433	23547	24371			

USAF ETAC HOM C-89-5 (OL 1)

### **MEANS AND STANDARD DEVIATIONS**

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSEPVATIONS

23109 DAVIS MUNIMAN AEB ARIZONA (TUC50N) 41-46,48-76

STATION			STA	TION NAME						YEARS			_	
HRS. (L.S.T.)		JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC 1	ANNUAL
	MEAN	28.1	1 - 1								,	,		36.2
00-02	S D	10.047	10.709	10.164	10.103	9.985	11.665	9.747	7.413	10.565	11.62	10.632	10-145	15.601
	TOTAL OBS	3138	2706	2957	2865	2959	2857	2973	3050	2944	3050	2962	3055	35526
										<u> </u>	<u> </u>	<u> </u>		
	MEAN	27.3												36.5
03-05			10.678				11.884					10.180	- R	15.722
	TOTAL OBS	3146	2711	2964	2862	6000	2861	2968	3046	2943	3041	2957	3050	35508
							<u> </u>			<u> </u>	<u></u>	<u> </u>		
	MEAN	27.1												37.3
06-08			10.510				11.289		6.268			10.148		15,636
	TOTAL OBS	3145	2713	2967	2865	2960	2866	2971	3054	2941	3047	2954	3049	35534
							<u> </u>					<u> </u>	<u>_</u>	
	MEAN	28,7												38.3
09-11			10.894										10,050	14.876
	TOTAL OBS	3140	2709	2965	2867	2946	2865	2970	3061	2938	3047	2949	3058	35515
											L	<u> </u>	<u> </u>	
}	MEAN	28,4		- •								- 31.6		37.2
12-14			10.750				10,214						10.074	14,522
	TOTAL OBS	3140	2709	2964	2861	2946	2834	2959	3057	2946	3041	2950	3054	<u>35400</u>
ļ			<u> </u>								<u></u>	<u> </u>		
	MEAN	27.7	:											36.3
15-17	f 1		10.856				10.084						10.111	14,421
	TOTAL OBS	3140	2705	2959	2861	2941	2832	2951	3052	2943	3044	2949	3059	<u>35436</u>
		<del></del> -	<u> </u>				ļ					<u> </u>		
	MEAN	28.5	: :											36.7
18-20			11.000				10.585						10.139	14.659
ļ	TOTAL OBS	3133	2706	2959	2861	2951	2845	2953	3060	2945	205	2953	3061	35478
							<u></u>							
	MEAN	28.8						57.1						37.0
21-53			111,114				11.293	9.573					10.183	15,285
	TOTAL OBS	3132	2706	2962	2863	2951	2847	2974	3050	2747	3052	2959	3058	35501
ļ							<u> </u>							
ALL	MEAN	38.1	7 - 2 - 2 -		27.5	29.4		56.8	59.1	49.5			29.2	37.0
HOURS	S D		10.866										10.071	15.109
L	TOTAL OBS	25114	21665	23707	22905	23614	22807	23719	24432	23547	2437	23633	24444	283958

USAF ETAC 1044 0-89-5 (OL 1)

### RELATIVE HUMIDITY

23109

DAVIS MONTHAN AFB ARIZONA(TUCSON)

41-46,48-76

ALL

STATION

STATION HAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OS.
HAL	ALL	99.5	88,8	72.3	55.0	40.0	27.0	17.3	9.4	3.0	45.7	25113
FEB		99.0	82.1	63.1	45.9	31,6	20.9	12.8	6,6	2.0	41.8	21665
MAR		97.5	74.8	52.4	35.3	23.8	15.6	10.0	4.8	1.2	37.0	23707
APR		93.6	56,1	31.3	17,1	9.2	5.6	3.4	1,6	• 3	27.2	22905
MAY		89.3	40.7	15.7	6.2	2.8	1.2	•6	•2	• 1	20.9	23614
אנינ		90.3	42.3	17.3	7,7	3.7	1.7	.7	•3	• 1	21.6	22807
JUL		99.1	85.6	۶.99	47.4	32.2	19.4	10.9	4,5	•7	42.1	23719
AUG		99.9	93.5	78.2	3 و و	41.1	¿5.0	13.8	5.3	•5	47.2	24431
\$ E P		99.3	83.0	53.9	38,1	23.6	13.6	7.1	2.8	•4	38.2	23547
OCT		98.7	78,6	53.0	33,4	20.8	12.7	7.7	4.4	1.1	36.5	24371
NDV		98.5	81.5	59.1	40.1	26.6	17.1	10.8	5.7	1./	39.6	23634
DEC		94.5	89.1	72.0	54.5	40.0	27.9	18.5	10.0	2.9	47.0	24442
101	TALS	97.0	74.7	53.3	36.7	24.6	15.6	9.5	4.6	1.2	37,2	283955

USAFETAC

FORM JUL 64 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

23109

DAVIS MONTHAN AFB ARIZONA (TUCSON)

42-46,48-76

JAN

STATION

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STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL
нтиом	(L.S T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS.
JAN	00-02	100.0	97.8	89.6	73,2	58.3	40.4	27.0	15.6	<i>ز</i> . 4	56.2	3136
	03-05	100.0	98.0	90.5	75.2	59.5	44.0	30.5	17.5	5.7	57.6	3146
	00-08	100.0	98.2	91.2	77.2	60.4	43.6	29.8	17.3	6.2	57.9	3145
	09-11	99.9	91.1	69.3	47.9	32.2	20.0	11.1	5.2	1.7	43.4	3141
	12-14	98.3	72.6	45.2	27.8	14.7	8.0	4.4	2.4	• ti	32.8	3140
	15-17	98.3	67.3	40.5	25.1	13.7	7.6	4.8	2.5	.9	31.5	3140
	18-20	99.8	89.0	67.4	46.7	30.9	18.7	9.6	4.5	1.9	42.5	3133
	21-23	100.0	96,4	84.5	66,5	50,2	33.5	20+6	10.0	2.8	52.0	3132
		<u> </u>										
TO	TALS	99.5	88.8	72.3	55.0	40.0	27.0	17.3	9.4	3,0	46.7	2511:

## RELATIVE HUMIDITY

23109 DAVIS MONTHAN AFB ARIZONA (TUCSON)

42-45,48-76

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STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
	(L S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
FEB	00-02	100.0	95.4	81.6	65.3	47.2	33.2	20.1	11.1	3.4	51.2	270
	03-05	100.0	96.5	85.2	69.9	52.8	37.1	23.7	13.2	4.2	53.7	271
	06-08	100.0	96.2	84.9	70.5	34.3	38.1	23.6	12.1	4.0	53.9	271
	09-11	99.4	82.9	61.1	39.5	24.6	14.3	7.3	2.9	•7	38.8	2709
	12-14	96.9	63.3	35.6	19.2	10.1	5.3	3.3	1,4	.3	28.9	2710
	15-17	95.8	56.4	30.6	16.2	9.1	6.2	3.9	2,6	.7	27.4	270
	18-20	99.6	76.6	52.5	31.9	19.2	11.2	6.6	3,6	1.1	35.6	2700
	21-23	100.0	89.5	73.1	54,5	35.6	22.1	13.5	6.2	1.8	45.1	270
fOi	TALS	99.0	82,1	63.1	45.9	31.6	20.9	12.8	6.6	2.0	41.8	21665

### **RELATIVE HUMIDITY**

23109

DAVIS MONIHAN AFB ARIZONA(TUCSON)

42-45,48-75

MAR

STATION

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C

C

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
нтиом	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OS.
MAR	00-02	99.8	92,2	71.9	53,0	36.8	24.8	15.5	7.8	2.0	46.1	2967
	03-05	99.9	95.6	79.7	59.2	43.6	29.6	19.6	9.9	2.0	49.5	2964
	00-08	99.9	94,9	77.1	57.9	41.1	28.0	18.3	8.5	2.3	48.4	2967
	09-11	98.5	73.5	45.3	28,1	16.4	8.9	5+1	2.5	• 5	33.4	2965
	12-14	94.2	50.7	26.8	14,0	7.6	4.6	2.9	1.2	•6	25.5	2964
	15-17	91.4	44.4	23.3	11.5	7.5	5.1	3.2	1.7	•3	24.1	2959
	18-20	96.8	63.7	36.6	21.0	12.3	7.8	4.9	2.6	+5	30.0	2959
	21-23	99.7	83.1	58.2	37.5	25.4	16.0	10+1	4.4	•9	39.1	296
τo	TALS	97.5	74.8	52.4	35.3	23.8	15.6	10.0	4.8	1.2	37.0	2370

## RELATIVE HUMIDITY

23109

DAVIS MONTHAN AFB ARIZOMA(TUCSON)

42-45,48-75

APR

STATION

STATION NAME

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	ONS.
APR	00-02	99.4	79.2	48.1	26.6	15.0	8.9	6.1	2.8	•5	34.1	2865
	03-05	99.9	87.8	60.9	35•3	19.7	12.2	7•2	3,5	•9	38.2	2862
	06=08	99.8	83.7	54.5	30,5	17.3	9.8	5•1	1,9	• 4	35.8	2865
	09-11	94.9	50.7	2.2.1	10.4	4.7	2.3	1.0	• 3	•0	24.0	2867
	12-14	85.2	27.6	10.2	4.5	2.1	1.1	•7	•3	•1	18.5	2861
	15-17	80.8	22.2	8.6	4.7	2.8	1.7	1.0	• 5	• 1	17.4	2861
	18-20	91.0	36.1	15.6	8 • 1	4.6	2.9	2.0	1.0	•1	21.3	2861
	21-23	97.9	61.6	30.7	16.6	8,2	5.6	3.7	2.2	•3	28.0	2863
TO	TALS	93.6	56.1	31.3	17,1	9.3	5.6	3.4	1.6	• 3	27.2	22905

USAFETAC 0-87-5 (OL A)

### **RELATIVE HUMIDITY**

23109

DAVIS MONTHAN AFB ARIZONA(TUCSON)

42-45,48-75

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MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONIN	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
МАЧ	00-02	99.1	43.6	25,5	10.0	5.0	2.3	1.0	.3	• 1	26.2	295
	03-05	99.8	77.7	36.7	15.6	7.1	3.1	i • 4	•4	•2	29.7	296
	06-08	98.9	67.9	27.8	11.7	5.0	1.9	•7	.3	• 2	27.0	296
	09-11	90.0	30.5	9,5	2.4	•7	•5	• 3	•2	• 1	18.8	294
	12-14	76.5	15.0	3.3	•9	• 4	•3	•2	•2		14.7	2940
	15-17	70.7	11.3	2.9	1.4	•5	•3	•2	•1		13.7	294
	18-20	83.1	18.1	5.6	2,2	1.4	•5	: 2	• 2	• 1	16.0	295
	21-23	96.5	41.1	14,6	5•0	2.3	•9	•4	•1	•1	21.3	295
TO	TALS	89.3	40.7	15.7	6.2	2.8	1.2	.6	•2	• 1	20.9	2361

### **RELATIVE HUMIDITY**

DAVIS MONTHAN AFB ARIZONA (TUCSON) 23109 STATION NAME

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## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO OF
HTHOM	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OB\$.
lůu	00-02	99.3	64.1	26.3	11.0	5.5	3.0	1.3	.4	•1	26.6	2858
	03-05	99.6	76.5	38.3	17,7	7.9	4.1	1.6	•4	• 1	30.2	2861
	06-08	98.7	67.6	31.3	14.4	5.9	2.2	• 8	•3	•0	27.6	2866
	09-11	91.4	35.2	11.6	3.7	1.1	•2	•1	.0		19.6	2864
	12-14	80.4	17.5	4.2	1.4	. 8	• 2	*1			15.5	2834
	15-17	73,4	13.6	4-1	2.2	1.2	•5	•2	.1	•0	14.5	2832
	18-20	83.2	20.5	7.5	4,5	2.8	1.3	•6	•3	• 1	17.0	2845
	21-23	96.6	43.0	14.9	7,0	4.2	2.1	1.0	•5	•2	22.1	2847
10	TALS	90.3	42.3	17.3	7.7	3.7	1.7	•7	•3	• 1	21.6	22807

USAFETAC 0-87-5 (OL A) atten.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

23109 DAVIS MUNIHAN AFB ARIZUNA(TUCSON)

41-45,48-75

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## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO OF OBS
JUL	20-00	99.8	94.6	82.3	65.9	49.2	31.4	17.9	7.8	•9	50.5	2973
	03-05	100.0	97.4	89.9	75,6	58.8	39.2	23.0	9,9	1.2	55.0	2968
	06-08	99.9	96.2	87.1	71.8	53.6	32.1	17.7	6.0	. 8	52.1	2971
	09-11	99.5	87.3	66•8	39,5	19.3	7,9	3.3	1.2	•4	38.1	2970
	12-14	98+1	75.3	41.6	16.9	6.4	2.9	1.7	•9	• 2	30.0	2959
	15-17	97.2	68.0	36.1	18,3	9.8	5.3	2.8	1.4	•0	29.4	2951
	18-20	98.5	76.3	53.5	35.2	22.6	12.8	6+3	2,5	• 4	36.3	2953
	21-23	99.8	89.5	71.9	55.6	38.2	23.5	14.1	6.1	.8	45.4	2974
												,
τo	TALS	99.1	85.6	66.2	47,4	32.2	19.4	10.9	4.5	•7	42.1	237,9

## RELATIVE HUMIDITY

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DAVIS MONTHAN AFB ARIZONA(TUCSON)

41-45,48-75

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STATION NAME

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MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
	(L S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.
AUG	00-02	100.0	99.3	94.2	81.1	62.5	40.9	23.6	3.7	•6	56.7	3050
	03-05	100.0	100.0	97.0	89.1	74.2	52.4	32.0	13.2	1.4	61.5	3046
	05-08	100.0	99.6	96.8	88 • 1	71.7	46.7	24.0	8.2	•8	59.0	3056
	09-11	99.9	95.9	81.4	55 • 8	27.6	9.6	3.3	1.1	•1	43.0	3061
	12-14	99.8	87.0	57.3	25,0	7.8	2.9	1.1	.5	•0	33.6	3057
	15-17	99.6	80.7	48.5	23,9	10.8	5.5	2.9	1.1	•3	32.8	3052
	18-20	99.9	88.2	65.9	43.6	26,3	14.4	8.0	3,0	• 3	40.5	3059
	21-23	100.0	97.0	84.8	67,5	47.8	27.6	15.4	5,9	• 7	50.1	3050
<u>.</u>	ļ											
<u>-</u>												
- v												
то	TALS-	99.9	93.5	78.2	59.3	41.1	25.0	13.8	5,3	•>	47.2	24431

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0-87-5 (OL A)

### **RELATIVE HUMIDITY**

23109

DAVIS MONTHAN AFE ARIZONA(TUCSON)

41-45,48-75

SEP

STATION

STATION NAME

PERIOD

MONT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
	(L.S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
SEP	00-02	99.9	96.9	78,0	55.3	35.3	21.4	11.3	4.5	•5	45.9	2944
	03-05	99.9	98.3	86.1	65.7	45.8	27.7	13.8	5.5	1.0	49.9	294:
	06-08	99.9	97.3	83.8	64,1	43.6	24.6	11.5	3.9	•6	48.4	2941
	09-11	99.3	83.7	56.9	30,4	13.2	4.8	2.3	1.2	•4	34.7	2938
	12-14	98.4	65.0	31.5	11.6	4.4	2.0	1.4	•7	• 1	27.0	2946
	15-17	97.9	57.1	26.8	12,2	6.9	3.7	2.0	•8	•0	2.6 • 1	2943
	18-20	99.4	74.2	43.8	24.4	14.5	8.9	5•7	2.3	•2	32.9	2945
	21-23	99.6	91.7	64.2	41.0	25.3	15.3	8.7	3.8	•4	40.4	2947
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4. 38. /										<del></del>		
7.7.1 2.7.1	,											· · · · · · · · · · · · · · · · · · ·
τότ	ÁLS	99.3	83.0	58.9	36.1	23.6	13.6	7.1	2.8	•4	38.2	23547

USAFETAC JOHN 0-87-5 (OL A)

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

### RELATIVE HUMIDITY

23109

DAVIS MUNIHAN AFB ARIZONALTUCSON)

41-45,48-75

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STATION

STATION NAME

PERIOD

MONT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
	(L.S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.		
DCT	00-02	99.8	93.5	71.2	48.8	32.0	18.5	11.8	6.6	1.0	44.0	3050		
	03-05	99.9	96.1	78.9	56.6	37.7	24.0	13.7	8.2	2.5	47.3	3040		
	06-08	100.0	94.9	78.3	55.0	36.1	22.3	12.6	7.6	1.9	46.4	3047		
	09-11	98.9	76.3	46.6	25.7	12.8	7.1	3.9	2.0	•6	32.8	3047		
	12-14	96.5	55.4	25.2	10.7	5.2	3.0	2.0	1.0	•3	25.2	3040		
	15-17	95.8	49.7	22.0	10.8	6.9	4.3	2:9	1.5	•3	24.5	3044		
	15-20	99.0	73.9	40.9	21,7	13.2	8.8	5.6	3.1	• 4	22.1	3051		
	21-23	99.6	88.7	60.6	37.6	22.6	13.5	9•2	5.4	1.2	39.4	3052		
10	TALS	98.7	78,6	53.0	33,4	20.8	12.7	7.7	4.4	1.1	36.5	24371		

USAFETAC

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0-87-5 (OL A)

### **RELATIVE HUMIDITY**

23109

DAVIS MONIHAN AFB ARIZONA(TUCSON)

41-45,48-75

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STATION

STATION NAME

PERIOD

MONT

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)		MEAN RELATIVE	TOTAL NO OF								
		10%	20%	30%	40%	50%	6C 70	70%	40%	90%	HUMIDITY	OBS.
Νυν	00-02	99.8	94.2	75.3	55.9	38.8	27.2	18.3	9.7	2.6	47.8	2902
	03-05	99.9	95.6	79.0	59.9	43.4	29.8	19.5	11.1	3.1	49.7	2957
	06-08	99.9	95.9	78.5	58.2	42.4	28.6	13.4	9.8	2 • 8	48.9	2954
	09-11	98.6	78.2	50.8	31.3	18.5	9.5	4.8	2.0	.7	34.9	2949
	12-14	95.6	57.8	32.2	15,5	7.5	3.8	2.4	1.6	•5	27-1	2950
•	15-17	95.6	56.6	31.5	15.7	7.7	4.5	3.2	2.0	.7	27.0	2949
	18-20	99.1	82.1	55.2	34.8	20.5	11.1	6.3	3.2	1.0	36.8	2954
C C C C C	21-23	99.6	71.6	70.1	49.5	33.8	22.5	13.3	6.5	1.9	44.5	2959
				1								
5												
		·										
10	ŤÁLŠ	98,5	81.5	59.1	40.1	26.6	17.1	19.8	5.7	1.7	39.6	23634

USAFETAC PORM 0.87.5 (OL A)

### **RELATIVE HUMIDITY**

23109 STATION

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DAVIS MUNTHAN AFB ARTZURA (TUCSON)

41-45,48-75

DEC

STATION NAME

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MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.		
DEC	00-02	100.0	96.9	86.9	71,0	55,4	41.2	29.3	16.5	4.7	55.7	3054		
	03-05	99.9	97.4	88.7	73.7	57.8	42.3	30.4	18.4	5.4	57.0	3050		
	06-08	39.9	98.0	88.6	73.1	58.6	42.8	29.2	16.9	5.0	56.9	3048		
	09-11	99.7	8.86	67.5	47.7	32.9	20.2	11.9	5.0	1.5	43.1	3058		
	12-14	98.2	72.5	45.3	27.8	16.1	8.7	4.7	2.6	• 5	33.1	3054		
	15-17	98.2	71.0	44.7	26.8	16.0	9.3	5.5	3.0	•9	33.0	3059		
	18-20	99.9	91.7	70.9	50.9	34,7	22.1	12.8	6.1	2.2	44.5	3061		
	21-23	99.9	96.6	83.7	65.1	48.7	36.9	23.9	11.4	2.0	52.5	3055		
10	TALS	99.5	89.1	72.0	54.5	40.0	27.9	18.5	10.0	2.9	47.0	24442		

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

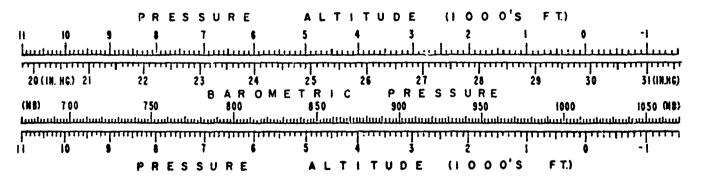
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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## MEANS AND STANDARD DEVIATION.

STATION PRESSURE IN INCHES HE FRUM HOURLY UBSERVATIONS

23109 DAVIS MUNIHAN AFB ARIZONA(TUC.50N) 46,48-63,65-76

STATION			STA	TION NAME			J-1			•	•			
HRS. (L S.T.)		IAN.	FEB	MAR.	APP	'YAY	JUN.	JUL.	AUG	SEP	ост	NOV	DEC	ANHUAL
	MEAN	27.272	27.246	27.192	27.163	47.135	27.114	27.177	27.182	27.155			27.206	27,15
02	S D.	.150			090	077	.074	•069	.067	.073	.026	. 1(15	.123	•11
	TOTAL OBS	8.	734	803	773	501	776	795	834	807	831	<u> </u>	833	96:
	MEAN					27,138			27.190					27.19
C>	S D. TOTAL OBS	.119 863	.114 752		•093 772					•075 809	.098 824		•125 831	•10 963
	ML 1	27 290	27 2.1	27 212	27 100	27 160	27 156	17 217	27.218	27 190	27 224	27 274	17 247	27.27
98	S D.	.120												. 11
1	TOTAL CAS		5								<u> </u>		830	96
	MEAN												27.302	27.2
11	S. D. TOTAL OBS	.116 859			•091 772								•122 835	•10 96:
	MEAN	27.243	27.214	27.165	27.138	27.112	27.096	27.146	27.163	27.131	27.163	27.217	27.234	27.1
14	S. D.	.117												.1
	TOTAL OBS	863	733	800	770	<u>'8Ĉ</u> º	774	788			826	803	834	96
	MEAN S. D												27.228	27.1
1/	TOTAL OBS	.116 857			- 1					-076 805			122 832	•1 96
	MEAN	27.260	27.219	27.159	27.122	27.088	27.063	27.132	27.142	27.218	27.168	27.233	27.252	27.1
20	5. D.	.116	,110	.104	.091	079	.076	.074	.071	.078	.096	.103	.121	.1
	TOTAL OBS	857	731	799	<u> 77)</u>	803	777	791	837	807	833	8()5	834	96
23	MEAN S. D.												27.276	27.2
۷,3	TOTAL OBS	.116 860				•077 803								96
	MEAN	27 250	27 22/	27 192	27.162	27.124	27 100	27 122	27 179	27 180	27 101	27 244	27.263	27.1
ALL HOURS	S. D.	.124	.115	.109	.096	.085	.084	.078	.077	.082	.102	.108	.126	. 1
.10000	TOTAL OBS	6884	5061	6404	6174	0411	6210		6675	6453	6633	6433	0602	7,1

USAF ETAC 1000 0-89-5 (OL 1)

DATA PROCESSING BRAUCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

SEA LEVEL PRESSURE IN MBS FRUM HOURLY DBSERVATIONS

YEARS

23109

DAVIS MUNIHAN AFB ARIZONA (TUCSON) 41-46,48-76 STATION NAME

HRS. (L.S.T )	Ţ,	MAL	FÆB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	1016.6	1015.2	1012.7	1019.7	1009.1	1007.4	1000.6	1.010.0	1009.2	1011.5	1014.9	1016.3	1012.0
የረ	S D.	4.399	4.335	3.977	3.325	2.570	2.367	2.348	2.184	2,473	3.427	3.785	4.484	4.544
	TOTAL OBS	1046												
										1				
	MEAN	1016.4	1015.0	1012.5	1010.9	1009.4	1008.0	1010.1	1010.3	1009.6	1012.0	1015.0	1016.2	1012.1
05	S D.												4.531	
İ	TOTAL OBS	1047												
	MEAN	1017.8	1016.3	1013.9	1012.0	1010.4	1009.0	1011.3	1011.6	1010.8	1013.4	1016.3	1017.6	1013.4
กล	S D												4.582	
ĺ	TOTAL OBS	1051												
								<del></del>	1	ļ				
	MEAN	1018.1	1016.4	1013.7	1011.7	1007.9	1006.4	1010.8	1011.2	1610.4	1012-7	1016.0	1017.6	1013.1
11	S. D.												4.446	
"-	TOTAL OBS	1044												
<del> </del>	i	72.				- 11.		<del></del>	1 1			1	1 2 3 3	
	MEAN	1015.4	1013.9	1011.7	1009.9	1 CO8 - 2	1006.7	1008.8	1009.2	1008.3	1010.5	1017.6	1015.0	1011.0
14	S D.												4.419	
	TOTAL OBS	1050												
						***		1			1			
	MEAN	1015.2	1013.4	1010.7	1008.8	1006.9	1005.3	1007.3	1007.8	1007.3	1010-1	1013.5	1015.0	1010.1
17	S D.												4.349	
``	TOTAL OSS	1042												
l 1						<del>                                     </del>		· · · · · ·		1		<del></del>		
	MEAN	1016.7	1014.7	1011.9	1009.6	1007.4	1005.7	1008.3	1008.8	1008.2	1211.3	1014.8	1016.4	1011.2
20	S D.												4.417	
	TOTAL OBS	1043												
			<u>-</u>					- <del></del>	5500	—— <u></u> -		<del> </del>		
	MEAN	1017.0	1015-2	1012.8	1010-8	1009.0	1007.3	1009.8	1010-0	1009-2	1012-0	1015.2	1016.7	1012.1
23	S. D.	4.319	4.219	3.876	3.253	2.622	2.445	2-510	2.371	2.559	3.465	3.816	4.4-10	4.639
"-	TOTAL OBS	1044	903	986						981				
		***	1	- 50		7.00		1 <del></del>	<b></b>	1		1	1	*****
} <del>-</del>	MEAN	1016-7	1015-0	1012.5	1010-5	1008.4	1007-2	1009 5	1009-5	1009.1	1.371 - 7	1014 0	1016.4	1011.9
ALL	S D.	4.446	4.363	4.057	3.447	2.046	2 770	2.645	2.532	2.792	3.63	3 808	4.551	4.720
HOURS	16. OBS	3367	7217	7890	7637		764	7931				7871		
	7.7	4307	1611	1040	1031	1.24.3	104	1731	0121	1021	<u> </u>	1 /0/1	77140	74/2